

Converting Colors

$Y_{xy}(86.6105, 0.3298, 0.3349)$

Have a look what the booklet for
Yxy(86.6105, 0.3298, 0.3349)
contains.

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Color

Yxy(86.3338, 0.3302, 0.3350)

Conversions

Conversions Part 1

Format	Color
Hex	FFEBE5
RGB	255, 235, 229
RGB Percent	100%, 92%, 90%
CMY	0.0000, 0.0784, 0.1021
CMYK	0.00, 0.08, 0.10, 0.00
HSL	14°, 100%, 95%
HSV	14°, 10%, 100%
XYZ	85.0968, 86.3338, 86.2823
YIQ	240.2960, 13.8460, 2.3740

Conversions

Conversions Part 2

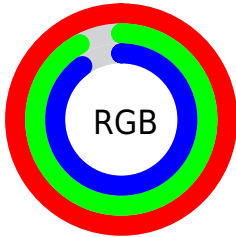
Format	Color
R _Y B	255, 237, 229
Decimal	16772069
CIE Lab	94.45, 5.81, 5.36
CIE LCh	94, 7.904, 42.728
Yxy	86.3338, 0.3302, 0.3350
Android (android.graphics.Color)	4294962149 (0xFFFFE5E5)
YUV	240.2960, -5.5689, 12.8954
Hunter-Lab	92.9160, 0.8756, 9.9842

Details

The Yxy color **86.3338, 0.3302, 0.3350** is a light color, and the websafe version is hex **FFFFFF**. A complement of this color would be **91.6047, 0.2969, 0.3229**, and the grayscale version is **87.4129, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **47.3020, 0.3336, 0.3354** is the 20% darker color. If you saturate the color by 10%, you get **74.4018, 0.3508, 0.3413**, and if you desaturate by 10%, it is **99.7046, 0.3130, 0.3291**.

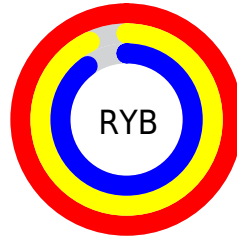
Distribution



Red (100%)

Green (92%)

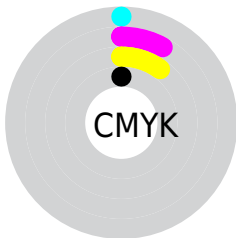
Blue (90%)



Red (100%)

Yellow (93%)

Blue (90%)

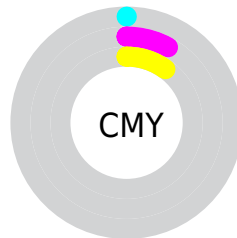


Cyan (0%)

Magenta (8%)

Yellow (10%)

Black (0%)



Cyan (0%)


Magenta (8%)


Yellow (10%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 86.3338, 0.3302, 0.3350 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the Yxy color 86.3338, 0.3302, 0.3350 by changing the saturation by 10% instead.


 86.3338, 0.3302,
0.3350

 86.3338, 0.3302,
0.3350

516.0312, 0.3223,
0.3324

 64.9440, 0.3320,
0.3356

142.2352, 0.3275,
0.3341

 47.4157, 0.3341,
0.3363


177.5156, 0.3264,
0.3338

 33.3644, 0.3368,
0.3371

218.1951, 0.3255,
0.3335

 22.4057, 0.3402,
0.3382

264.6579, 0.3247,
0.3332

 14.1553, 0.3448,
0.3396

317.2886, 0.3240,
0.3329

 8.2288, 0.3513,
0.3415

376.4714, 0.3234,

 4.2417, 0.3610,

0.3327

0.3442

442.5908, 0.3228,
0.3325

■ 1.8097, 0.3770,
0.3484

■ 0.4932, 0.4823,
0.3896

■ 86.3338, 0.3302,
0.3350

■ 86.3338, 0.3302,
0.3350

■ 74.4018, 0.3508,
0.3413

99.7046, 0.3130,
0.3291

■ 63.8687, 0.3756,
0.3478

100.0000, 0.3127,
0.3290

■ 54.6797, 0.4050,
0.3542

■ 46.7799, 0.4392,
0.3600

■ 40.1104, 0.4775,
0.3644

■ 34.6076, 0.5181,
0.3662

■ 30.2019, 0.5574,
0.3645

■ 26.8157, 0.5908,
0.3588

■ 24.3958, 0.6146,
0.3502

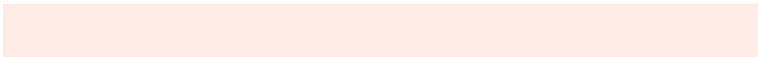
Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



86.3338, 0.3263, 0.3272



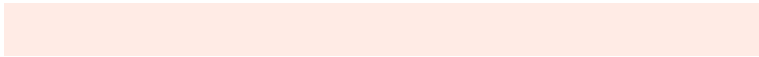
86.3338, 0.3302, 0.3350



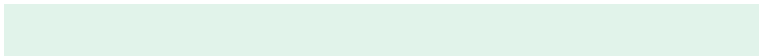
86.3338, 0.3293, 0.3414

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



86.3338, 0.3302, 0.3350



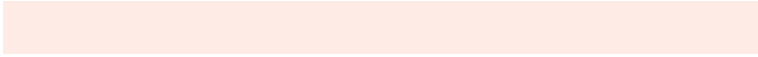
86.3338, 0.3066, 0.3384



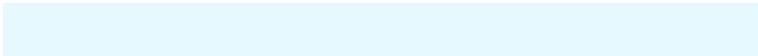
86.3338, 0.3015, 0.3137

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



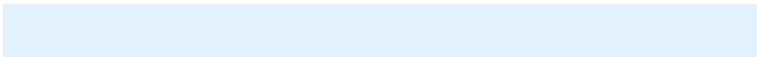
86.3338, 0.3302, 0.3350



91.6047, 0.2969, 0.3229

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



86.3338, 0.2964, 0.3165



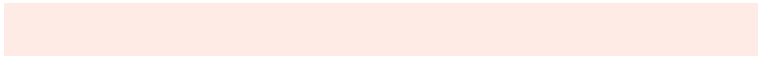
86.3338, 0.3302, 0.3350



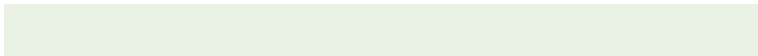
86.3338, 0.2993, 0.3307

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



86.3338, 0.3302, 0.3350



86.3338, 0.3156, 0.3435



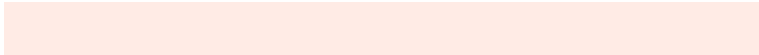
86.3338, 0.2956, 0.3226



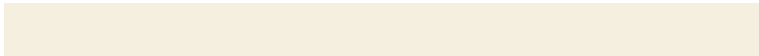
86.3338, 0.3096, 0.3150

Rectangle

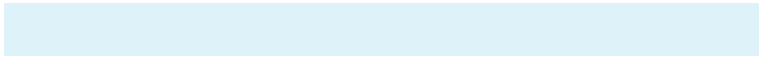
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



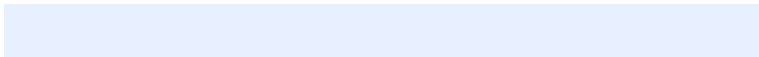
86.3338, 0.3302, 0.3350



86.3338, 0.3262, 0.3440



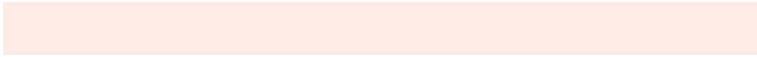
86.3338, 0.2956, 0.3226



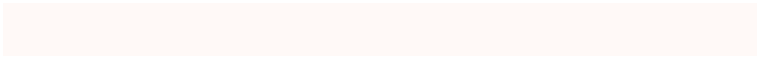
86.3338, 0.2993, 0.3142

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



86.3308, 0.3302, 0.3350



95.8240, 0.3175, 0.3307



84.1423, 0.3175, 0.3092



20.2762, 0.3188, 0.3312



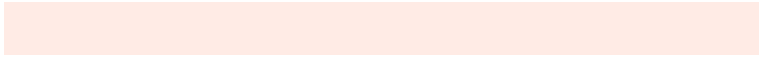
0.0000, 0.0000, 0.0000



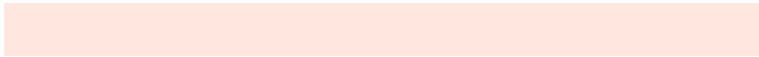
21.4041, 0.3127, 0.3290

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



86.3308, 0.3302, 0.3350



84.0896, 0.3336, 0.3361



93.8191, 0.3288, 0.3472



18.6698, 0.3289, 0.3346



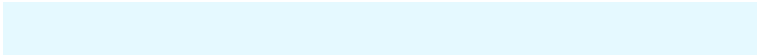
12.9331, 0.6119, 0.3523



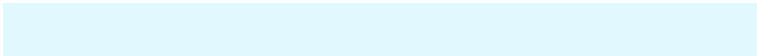
1.4168, 0.5906, 0.3693

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



91.6047, 0.2969, 0.3229



90.2113, 0.2941, 0.3218



84.0611, 0.2967, 0.3101



19.7259, 0.2980, 0.3234



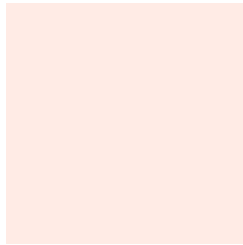
24.6223, 0.2034, 0.2522



2.5624, 0.2061, 0.2620

Previews

White Background



This preview shows how the Yxy color 86.3338, 0.3302, 0.3350 looks on a white background.

Color Contrast Check

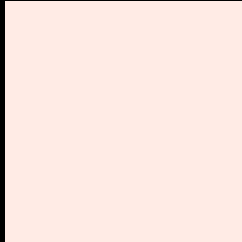
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Yxy color 86.3338, 0.3302, 0.3350 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

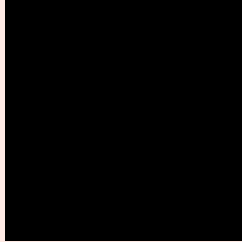
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

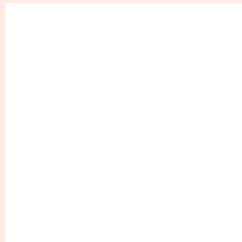
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 86.3338, 0.3302, 0.3350

Background



This preview shows how black text looks on a background with the Yxy color 86.3338, 0.3302, 0.3350.

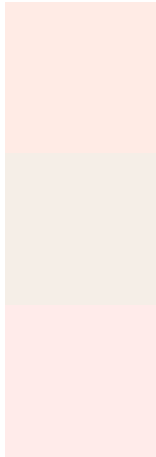


This preview shows how white text looks on a background with the Yxy color 86.3338, 0.3302, 0.3350.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

86.3338, 0.3302, 0.3350

Protanopia

86.3311, 0.3217, 0.3361

Deuteranopia

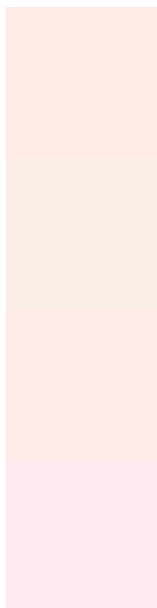
86.6172, 0.3269, 0.3300



Tritanopia

86.3151, 0.3181, 0.3144

Trichromacy



Original Color

86.3338, 0.3302, 0.3350

Protanomaly

86.4213, 0.3252, 0.3360

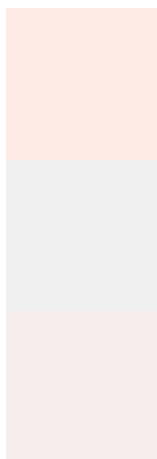
Deuteranomaly

86.5029, 0.3282, 0.3320

Tritanomaly

86.4565, 0.3225, 0.3222

Monochromacy



Original Color

86.3338, 0.3302, 0.3350

Achromatopsia

87.1367, 0.3127, 0.3290

Achromatomaly

86.6177, 0.3186, 0.3310

CSS Examples

Text

The CSS property to change the color of the text to Yxy 86.3338, 0.3302, 0.3350 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(255, 235, 229)` looks like.

```
.text, #text, p{  
    color:rgb(255, 235, 229)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(255, 235, 229) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 235, 229) }
```

Border

The CSS property to change the border of an element to Yxy 86.3338, 0.3302, 0.3350 is called "border". The border property can be set on classes, ids or directly on the HTML element.

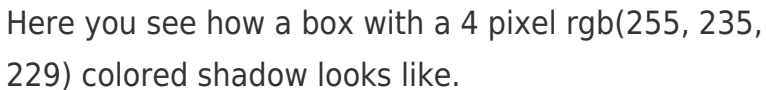
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(255, 235, 229) }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(255, 235, 229) }
```

If you want to add a box shadow in that color use:



Here you see how a box with a 4 pixel `rgb(255, 235, 229)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(255, 235, 229); -webkit-box-shadow:4px 4px 4px 4px rgb(255, 235, 229); box-shadow:4px 4px 4px 4px rgb(255, 235, 229) }
```


Background

The CSS property to change the background color of an element to Yxy 86.3338, 0.3302, 0.3350 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 235, 229) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(255,  
235, 229) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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