

Converting Colors

$Y_{xy}(88.2163, 0.3295, 0.3376)$

Have a look what the booklet for
Yxy(88.2163, 0.3295, 0.3376)
contains.

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Color

Yxy(88.1222, 0.3292, 0.3369)

Conversions

Conversions Part 1

Format	Color
Hex	FFEEEE
RGB	255, 238, 230
RGB Percent	100%, 93%, 90%
CMY	0.0000, 0.0667, 0.0980
CMYK	0.00, 0.07, 0.10, 0.00
HSL	19°, 100%, 95%
HSV	19°, 10%, 100%
XYZ	86.1081, 88.1222, 87.3375
YIQ	242.1710, 12.7000, 1.1160

Conversions

Conversions Part 2

Format	Color
R _Y B	255, 242, 230
Decimal	16772838
CIE Lab	95.21, 4.44, 5.92
CIE LCh	95, 7.400, 53.101
Yxy	88.1222, 0.3292, 0.3369
Android (android.graphics.Color)	4294962918 (0xFFFFEE6)
YUV	242.1710, -6.0003, 11.2510
Hunter-Lab	93.8734, -0.5442, 10.5495

Details

The Yxy color **88.1222, 0.3292, 0.3369** is a light color, and the websafe version is hex **FFFFFF**. A complement of this color would be **90.5737, 0.2975, 0.3210**, and the grayscale version is **88.9730, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **48.5568, 0.3323, 0.3378** is the 20% darker color. If you saturate the color by 10%, you get **77.1681, 0.3490, 0.3455**, and if you desaturate by 10%, it is **100.0000, 0.3127, 0.3290**.

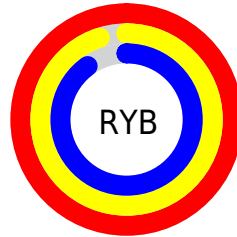
Distribution



Red (100%)

Green (93%)

Blue (90%)



Red (100%)

Yellow (95%)

Blue (90%)



Cyan (0%)

Magenta (7%)

Yellow (10%)

Black (0%)



Cyan (0%)

Magenta (7%)


Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 88.1222, 0.3292, 0.3369 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 88.1222, 0.3292, 0.3369 by changing the saturation by 10% instead.


 88.1222, 0.3292,
0.3369

 88.1222, 0.3292,
0.3369


521.9033, 0.3218,
0.3334

 66.4243, 0.3308,
0.3377


144.7273, 0.3267,
0.3357

 48.6169, 0.3328,
0.3386


180.4032, 0.3257,
0.3353

 34.3157, 0.3353,
0.3397


221.5073, 0.3248,
0.3349

 23.1362, 0.3385,
0.3412

268.4239, 0.3241,
0.3345

 14.6941, 0.3428,
0.3430

321.5374, 0.3234,
0.3342

 8.6050, 0.3487,
0.3456

381.2322, 0.3228,

 4.4844, 0.3576,

0.3339

0.3494

447.8927, 0.3223,
0.3336

■ 1.9481, 0.3722,
0.3552

■ 0.5770, 0.4535,
0.3984

■ 88.1222, 0.3292,
0.3369

■ 88.1222, 0.3292,
0.3369

■ 77.1681, 0.3490,
0.3455

100.0000, 0.3127,
0.3290

■ 67.3643, 0.3725,
0.3544

■ 58.6690, 0.3998,
0.3632

■ 51.0417, 0.4311,
0.3714

■ 44.4390, 0.4657,
0.3779

■ 38.8145, 0.5022,
0.3816

■ 34.1178, 0.5380,
0.3812

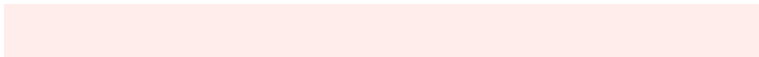
■ 30.2930, 0.5695,
0.3758

■ 27.2704, 0.5942,
0.3662

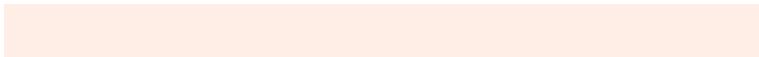
Harmonies

Analogous

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



88.1222, 0.3271, 0.3299



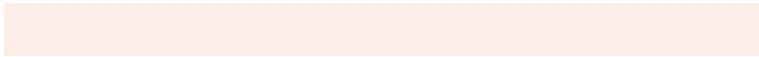
88.1222, 0.3292, 0.3369



88.1222, 0.3268, 0.3420

Triad

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



88.1222, 0.3292, 0.3369



88.1222, 0.3044, 0.3354



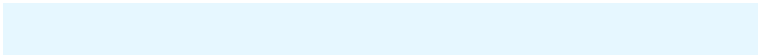
88.1222, 0.3047, 0.3148

Complementary

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



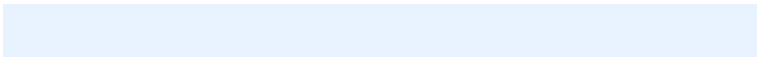
88.1222, 0.3292, 0.3369



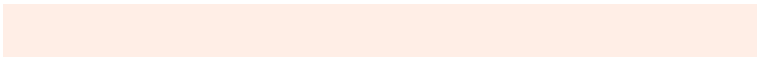
90.5737, 0.2975, 0.3210

Split Complementary

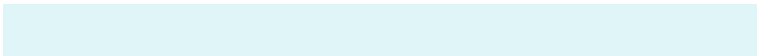
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



88.1222, 0.2987, 0.3161



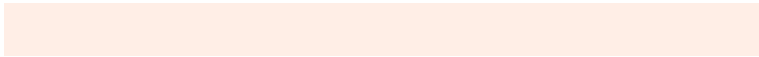
88.1222, 0.3292, 0.3369



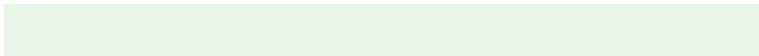
88.1222, 0.2986, 0.3279

Square

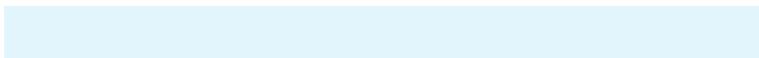
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



88.1222, 0.3292, 0.3369



88.1222, 0.3125, 0.3412



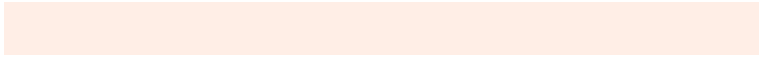
88.1222, 0.2965, 0.3208



88.1222, 0.3128, 0.3172

Rectangle

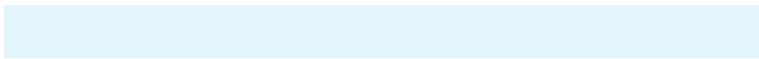
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



88.1222, 0.3292, 0.3369



88.1222, 0.3231, 0.3435



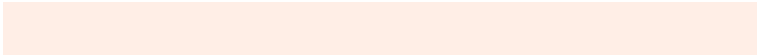
88.1222, 0.2965, 0.3208



88.1222, 0.3023, 0.3148

Sweetspot

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



88.1188, 0.3292, 0.3369



96.2407, 0.3175, 0.3314



84.5781, 0.3189, 0.3124



20.3884, 0.3188, 0.3320



0.0000, 0.0000, 0.0000



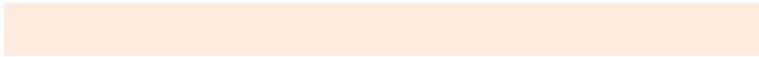
21.4041, 0.3127, 0.3290

Same Dimension

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



88.1188, 0.3292, 0.3369



85.6108, 0.3333, 0.3388



95.6048, 0.3278, 0.3489



18.9344, 0.3286, 0.3367



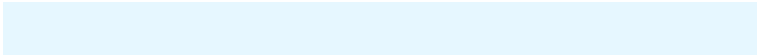
14.4586, 0.5917, 0.3684



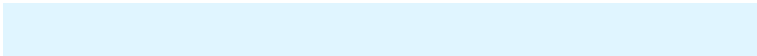
1.5952, 0.5697, 0.3859

Inverse Universe

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



90.5737, 0.2975, 0.3210



88.5702, 0.2941, 0.3191



83.2256, 0.2974, 0.3083



19.4450, 0.2980, 0.3212



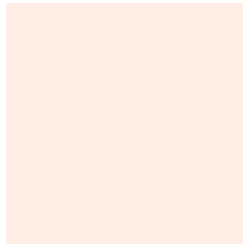
19.7737, 0.1947, 0.2208



2.1227, 0.1985, 0.2346

Previews

White Background



This preview shows how the Yxy color 88.1222, 0.3292, 0.3369 looks on a white background.

Color Contrast Check

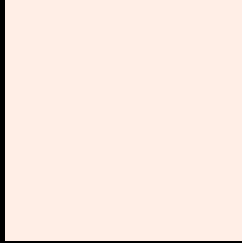
Large Text (above 18pt) WCAG AA × Fail

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 88.1222, 0.3292, 0.3369 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 88.1222, 0.3292, 0.3369

Background



This preview shows how black text looks on a background with the Yxy color 88.1222, 0.3292, 0.3369.

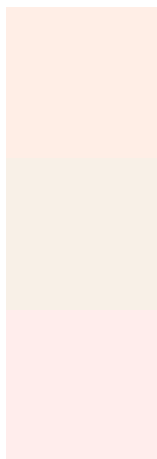


This preview shows how white text looks on a background with the Yxy color 88.1222, 0.3292, 0.3369.

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

88.1222, 0.3292, 0.3369

Protanopia

88.0462, 0.3236, 0.3380

Deuteranopia

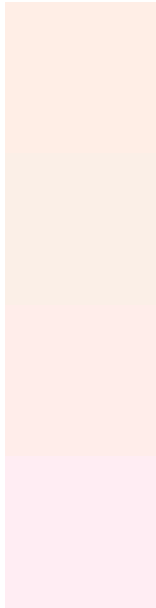
87.8845, 0.3254, 0.3300



Tritanopia

88.2159, 0.3161, 0.3145

Trichromacy



Original Color

88.1222, 0.3292, 0.3369

Protanomaly

88.0118, 0.3257, 0.3370

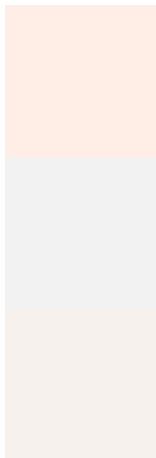
Deuteranomaly

87.7689, 0.3267, 0.3320

Tritanomaly

88.2994, 0.3210, 0.3232

Monochromacy



Original Color

88.1222, 0.3292, 0.3369

Achromatopsia

88.7923, 0.3127, 0.3290

Achromatomaly

88.8578, 0.3185, 0.3320

CSS Examples

Text

The CSS property to change the color of the text to Yxy 88.1222, 0.3292, 0.3369 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, 238, 230)` looks like.

```
.text, #text, p{  
    color:rgb(255, 238, 230)  
}
```

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, 238, 230) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 238, 230) }
```

Border

The CSS property to change the border of an element to Yxy 88.1222, 0.3292, 0.3369 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, 238, 230) }
```

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

```
.border{ border-color:rgb(255, 238, 230) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 238, 230)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 238, 230); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 238, 230);  
box-shadow:4px 4px 4px 4px rgb(255, 238,  
230) }
```


Background

The CSS property to change the background color of an element to Yxy 88.1222, 0.3292, 0.3369 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 238, 230) }
```

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

```
.background{ background-color: rgb(255,  
238, 230) }
```

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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