

Converting Colors

$Y_{xy}(114.4248, 0.4154, 0.3387)$

Have a look what the booklet for
Yxy(114.4248, 0.4154, 0.3387)
contains.

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Color

Yxy(85.3261, 0.3355, 0.3420)

Conversions

Conversions Part 1

Format	Color
Hex	FFEADD
RGB	255, 234, 221
RGB Percent	100%, 92%, 87%
CMY	0.0001, 0.0823, 0.1333
CMYK	0.00, 0.08, 0.13, 0.00
HSL	23°, 100%, 93%
HSV	23°, 13%, 100%
XYZ	83.7044, 85.3261, 80.4610
YIQ	238.7970, 16.6890, 0.4090

Conversions

Conversions Part 2

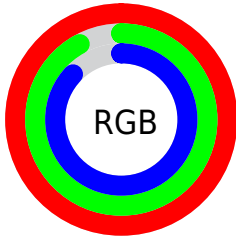
Format	Color
R _Y B	255, 242, 221
Decimal	16771805
CIE Lab	94.02, 5.02, 8.88
CIE LCh	94, 10.201, 60.501
Yxy	85.3261, 0.3355, 0.3420
Android (android.graphics.Color)	4294961885 (0xFFFFEADD)
YUV	238.7970, -8.7739, 14.2100
Hunter-Lab	92.3721, 0.0993, 13.0158

Details

The Yxy color **85.3261, 0.3355, 0.3420** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **86.0623, 0.2919, 0.3156**, and the grayscale version is **86.2097, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **46.5997, 0.3406, 0.3443** is the 20% darker color. If you saturate the color by 10%, you get **75.5119, 0.3560, 0.3524**, and if you desaturate by 10%, it is **96.1489, 0.3180, 0.3321**.

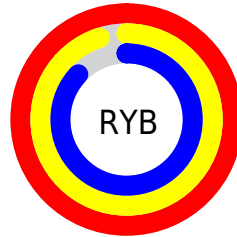
Distribution



Red (100%)

Green (92%)

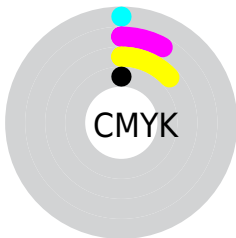
Blue (87%)



Red (100%)

Yellow (95%)

Blue (87%)

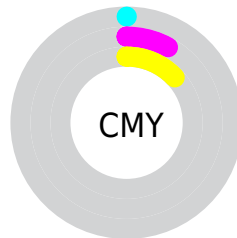


Cyan (0%)

Magenta (8%)

Yellow (13%)

Black (0%)



Cyan (0%)


Magenta (8%)


Yellow (13%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 85.3261, 0.3355, 0.3420 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 85.3261, 0.3355, 0.3420 by changing the saturation by 10% instead.

 85.3261, 0.3355,
0.3420

 85.3261, 0.3355,
0.3420


512.7065, 0.3252,
0.3362

 64.1109, 0.3378,
0.3433

140.8287, 0.3320,
0.3400

 46.7405, 0.3406,
0.3448

175.8848, 0.3306,
0.3393

 32.8305, 0.3441,
0.3467


216.3234, 0.3294,
0.3386

 21.9967, 0.3486,
0.3491

262.5288, 0.3283,
0.3380

 13.8544, 0.3547,
0.3523

314.8854, 0.3274,
0.3375

 8.0195, 0.3632,
0.3566

373.7776, 0.3266,

 4.1074, 0.3759,

0.3370

0.3628

439.5899, 0.3259,
0.3366

■ 1.7338, 0.3969,
0.3725

■ 0.4454, 0.5507,
0.4493

■ 85.3261, 0.3355,
0.3420

■ 85.3261, 0.3355,
0.3420

■ 75.5119, 0.3560,
0.3524

■ 96.1489, 0.3180,
0.3321

■ 66.6652, 0.3798,
0.3630

99.9939, 0.3127,
0.3290

■ 58.7582, 0.4070,
0.3734

■ 51.7578, 0.4374,
0.3827

■ 45.6286, 0.4701,
0.3899

■ 40.3323, 0.5036,
0.3936

■ 35.8274, 0.5353,
0.3926

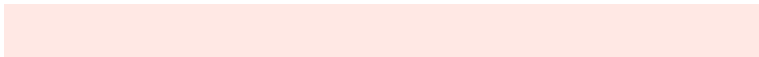
■ 32.0672, 0.5626,
0.3862

■ 29.9384, 0.5777,
0.3795

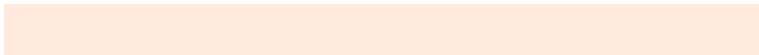
Harmonies

Analogous

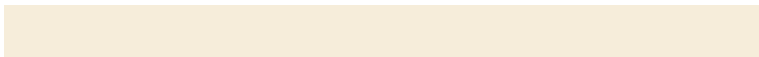
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



85.3261, 0.3341, 0.3326



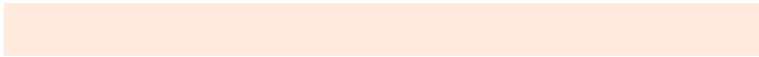
85.3261, 0.3355, 0.3420



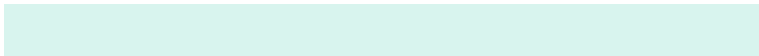
85.3261, 0.3307, 0.3481

Triad

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



85.3261, 0.3355, 0.3420



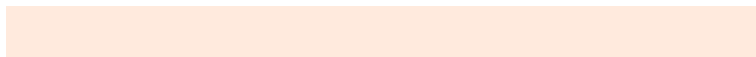
85.3261, 0.2987, 0.3355



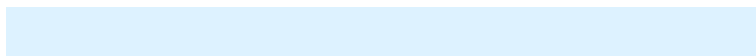
85.3261, 0.3041, 0.3097

Complementary

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



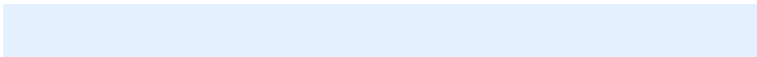
85.3261, 0.3355, 0.3420



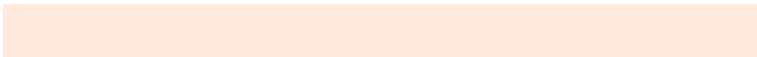
86.0623, 0.2919, 0.3156

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.



85.3261, 0.2949, 0.3101



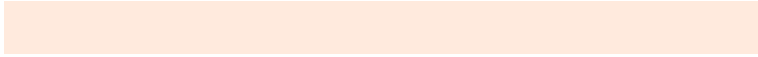
85.3261, 0.3355, 0.3420



85.3261, 0.2918, 0.3248

Square

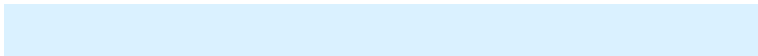
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



85.3261, 0.3355, 0.3420



85.3261, 0.3094, 0.3445



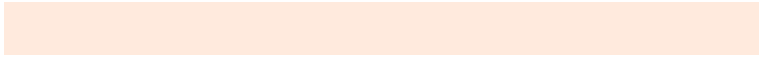
85.3261, 0.2904, 0.3155



85.3261, 0.3157, 0.3142

Rectangle

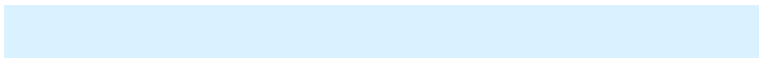
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



85.3261, 0.3355, 0.3420



85.3261, 0.3247, 0.3495



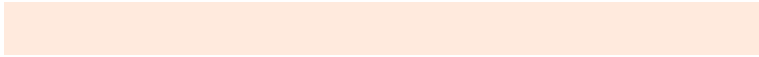
85.3261, 0.2904, 0.3155



85.3261, 0.3006, 0.3092

Sweetspot

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



85.3299, 0.3355, 0.3420



95.4123, 0.3191, 0.3328



79.4067, 0.3225, 0.3078



20.2414, 0.3203, 0.3335



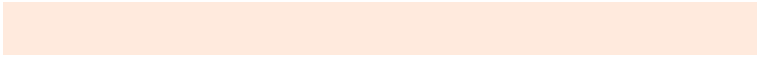
0.0000, 0.0000, 0.0000



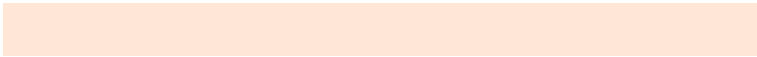
21.4041, 0.3127, 0.3290

Same Dimension

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



85.3299, 0.3355, 0.3420



82.6290, 0.3407, 0.3447



95.1182, 0.3333, 0.3578



19.1284, 0.3285, 0.3382



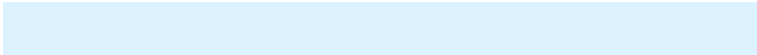
15.9141, 0.5747, 0.3819



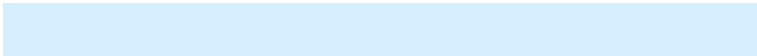
1.7530, 0.5535, 0.3987

Inverse Universe

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



86.0623, 0.2919, 0.3156



83.4912, 0.2877, 0.3127



76.7250, 0.2914, 0.2984



19.2434, 0.2979, 0.3197



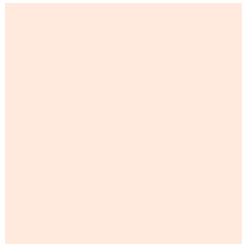
16.7166, 0.1883, 0.1980



1.8391, 0.1929, 0.2145

Previews

White Background



This preview shows how the Yxy color 85.3261, 0.3355, 0.3420 looks on a white background.

Color Contrast Check

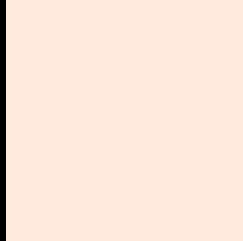
Large Text (above 18pt) WCAG AA × Fail

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 85.3261, 0.3355, 0.3420 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

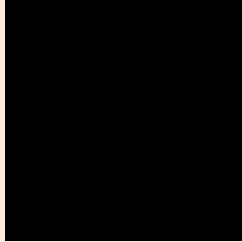
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 85.3261, 0.3355, 0.3420

Background



This preview shows how black text looks on a background with the Yxy color 85.3261, 0.3355, 0.3420.

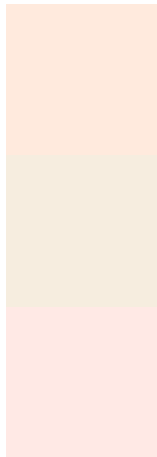


This preview shows how white text looks on a background with the Yxy color 85.3261, 0.3355, 0.3420.

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

85.3261, 0.3355, 0.3420

Protanopia

85.4889, 0.3276, 0.3432

Deuteranopia

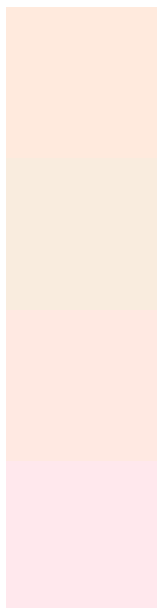
85.1950, 0.3304, 0.3330



Tritanopia

85.0656, 0.3195, 0.3144

Trichromacy



Original Color

85.3261, 0.3355, 0.3420

Protanomaly

85.4046, 0.3304, 0.3431

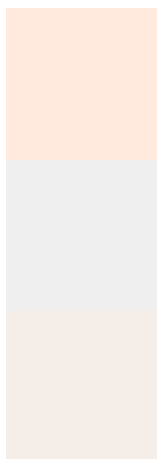
Deuteranomaly

85.0288, 0.3323, 0.3360

Tritanomaly

85.0877, 0.3252, 0.3241

Monochromacy



Original Color

85.3261, 0.3355, 0.3420

Achromatopsia

86.3157, 0.3127, 0.3290

Achromatomaly

85.8070, 0.3212, 0.3340

CSS Examples

Text

The CSS property to change the color of the text to Yxy 85.3261, 0.3355, 0.3420 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, 234, 221)` looks like.

```
.text, #text, p{  
    color:rgb(255, 234, 221)  
}
```

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, 234, 221) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 234, 221) }
```

Border

The CSS property to change the border of an element to Yxy 85.3261, 0.3355, 0.3420 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, 234, 221) }
```

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

```
.border{ border-color:rgb(255, 234, 221) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 234, 221)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 234, 221); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 234, 221);  
box-shadow:4px 4px 4px 4px rgb(255, 234,  
221) }
```


Background

The CSS property to change the background color of an element to Yxy 85.3261, 0.3355, 0.3420 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 234, 221) }
```

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

```
.background{ background-color: rgb(255,  
234, 221) }
```

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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