

Converting Colors

Yxy(65.3014, 0.3317, 0.3343)

Have a look what the booklet for
Yxy(65.3014, 0.3317, 0.3343)
contains.

Yxy(65.2208, 0.3317, 0.3346)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(65.2208, 0.3317, 0.3346)

Conversions

Conversions Part 1

Format	Color
Hex	E3CFCA
RGB	227, 207, 202
RGB Percent	89%, 81%, 79%
CMY	0.1097, 0.1882, 0.2079
CMYK	0.00, 0.09, 0.11, 0.11
HSL	12°, 31%, 84%
HSV	12°, 11%, 89%
XYZ	64.6555, 65.2208, 65.0454
YIQ	212.4100, 13.5250, 2.6850

Conversions

Conversions Part 2

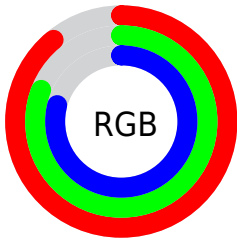
Format	Color
R _Y B	227, 208, 202
Decimal	14929866
CIE Lab	84.60, 6.13, 5.00
CIE LCh	85, 7.910, 39.230
Yxy	65.2208, 0.3317, 0.3346
Android (android.graphics.Color)	4293119946 (0xFFE3CFCA)
YUV	212.4100, -5.1321, 12.7954
Hunter-Lab	80.7594, 1.5772, 8.7781

Details

The Yxy color **65.2208, 0.3317, 0.3346** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **70.3466, 0.2957, 0.3233**, and the grayscale version is **66.1560, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **33.6912, 0.3369, 0.3363** is the 20% darker color. If you saturate the color by 10%, you get **55.9302, 0.3527, 0.3400**, and if you desaturate by 10%, it is **75.6866, 0.3143, 0.3295**.

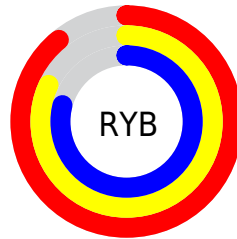
Distribution



Red (89%)

Green (81%)

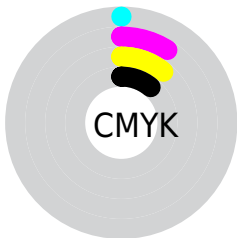
Blue (79%)



Red (89%)

Yellow (82%)

Blue (79%)

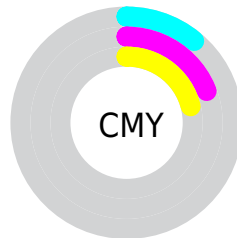


Cyan (0%)

Magenta (9%)

Yellow (11%)

Black (11%)



Cyan (11%)

Magenta (19%)


Yellow (21%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 65.2208, 0.3317, 0.3346 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 65.2208, 0.3317, 0.3346 by changing the saturation by 10% instead.


 65.2208, 0.3317,
0.3346

 65.2208, 0.3317,
0.3346


443.5850, 0.3227,
0.3320

 47.6401, 0.3338,
0.3352


112.3672, 0.3285,
0.3337

 33.5420, 0.3365,
0.3359

142.7018, 0.3273,
0.3334

 22.5420, 0.3399,
0.3368


178.0565, 0.3263,
0.3331

 14.2557, 0.3444,
0.3380

218.8156, 0.3254,
0.3328

 8.2987, 0.3507,
0.3396

265.3637, 0.3246,
0.3326

 4.2867, 0.3602,
0.3418

318.0850, 0.3239,

 1.8352, 0.3760,

0.3324

377.3640, 0.3233,
0.3322

0.3452

0.5090, 0.4703,
0.3779

0.0000, 0.0000,
0.0000

65.2208, 0.3317,
0.3346

65.2208, 0.3317,
0.3346

55.9302, 0.3527,
0.3400

75.6866, 0.3143,
0.3295

47.7652, 0.3781,
0.3457

87.3579, 0.3000,
0.3248

40.6853, 0.4083,
0.3512

95.0748, 0.2958,
0.3290

34.6443, 0.4435,
0.3561

■ 29.5926, 0.4830,
0.3596

■ 25.4765, 0.5246,
0.3609

■ 22.2370, 0.5646,
0.3589

■ 19.8079, 0.5979,
0.3533

■ 18.2498, 0.6195,
0.3463

Harmonies

Analogous

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



65.2208, 0.3269, 0.3260



65.2208, 0.3317, 0.3346



65.2208, 0.3314, 0.3419

Triad

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



65.2208, 0.3317, 0.3346



65.2208, 0.3071, 0.3402



65.2208, 0.2995, 0.3124

Complementary

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



65.2208, 0.3317, 0.3346



70.3466, 0.2957, 0.3233

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.



65.2208, 0.2944, 0.3158



65.2208, 0.3317, 0.3346



65.2208, 0.2987, 0.3319

Square

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



65.2208, 0.3317, 0.3346



65.2208, 0.3170, 0.3454



65.2208, 0.2941, 0.3229



65.2208, 0.3082, 0.3133

Rectangle

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



65.2208, 0.3317, 0.3346



65.2208, 0.3282, 0.3451



65.2208, 0.2941, 0.3229



65.2208, 0.2973, 0.3130

Sweetspot

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



65.2237, 0.3317, 0.3346



95.6762, 0.3175, 0.3305



63.8416, 0.3176, 0.3072



20.2365, 0.3189, 0.3309



0.0000, 0.0000, 0.0000



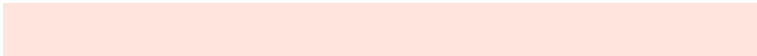
21.4041, 0.3127, 0.3290

Same Dimension

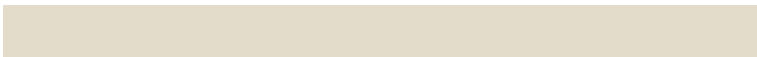
The Same Dimension uses a secret algorithm to generate beautiful new colors.



65.2237, 0.3317, 0.3346



82.2847, 0.3357, 0.3357



71.5284, 0.3301, 0.3482



14.8333, 0.3287, 0.3338



10.7723, 0.6172, 0.3481



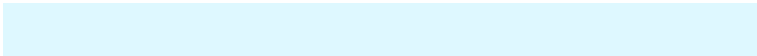
0.9257, 0.5898, 0.3699

Inverse Universe

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



70.3466, 0.2957, 0.3233



90.0801, 0.2926, 0.3222



63.9449, 0.2955, 0.3091



15.8199, 0.2981, 0.3242



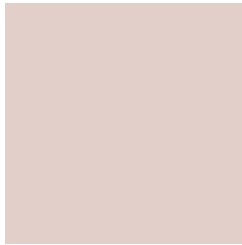
22.7975, 0.2065, 0.2635



1.8097, 0.2095, 0.2742

Previews

White Background



This preview shows how the Yxy color 65.2208, 0.3317, 0.3346 looks on a white background.

Color Contrast Check

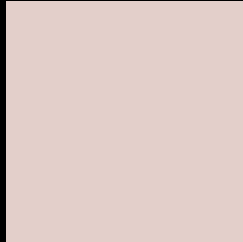
Large Text (above 18pt) WCAG AA × Fail

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 65.2208, 0.3317, 0.3346 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

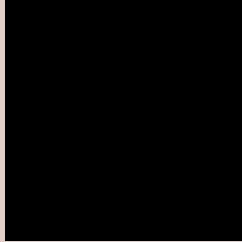
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 65.2208, 0.3317, 0.3346

Background



This preview shows how black text looks on a background with the Yxy color 65.2208, 0.3317, 0.3346.

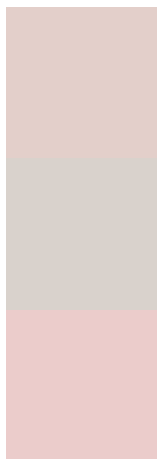


This preview shows how white text looks on a background with the Yxy color 65.2208, 0.3317, 0.3346.

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

65.2208, 0.3317, 0.3346

Protanopia

65.2045, 0.3222, 0.3358

Deuteranopia

65.1597, 0.3376, 0.3302



Tritanopia

65.1760, 0.3212, 0.3117

Trichromacy



Original Color

65.2208, 0.3317, 0.3346

Protanomaly

65.2849, 0.3261, 0.3358

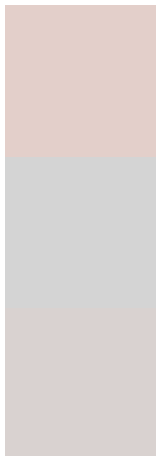
Deuteranomaly

65.1302, 0.3351, 0.3313

Tritanomaly

65.1248, 0.3254, 0.3203

Monochromacy



Original Color

65.2208, 0.3317, 0.3346

Achromatopsia

65.8375, 0.3127, 0.3290

Achromatomaly

65.3990, 0.3194, 0.3313

CSS Examples

Text

The CSS property to change the color of the text to Yxy 65.2208, 0.3317, 0.3346 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(227, 207, 202)` looks like.

```
.text, #text, p{  
    color:rgb(227, 207, 202)  
}
```

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(227, 207, 202) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(227, 207, 202) }
```

Border

The CSS property to change the border of an element to Yxy 65.2208, 0.3317, 0.3346 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(227, 207, 202) }
```

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

```
.border{ border-color:rgb(227, 207, 202) }
```

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

Here you see how a box with a 4 pixel `rgb(227, 207, 202)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(227, 207, 202); -webkit-box-  
shadow:4px 4px 4px 4px rgb(227, 207, 202);  
box-shadow:4px 4px 4px 4px rgb(227, 207,  
202) }
```


Background

The CSS property to change the background color of an element to Yxy 65.2208, 0.3317, 0.3346 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(227, 207, 202) }
```

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

```
.background{ background-color: rgb(227,  
207, 202) }
```

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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