

Converting Colors

Yxy(65.1798, 0.3195, 0.3155)

Have a look what the booklet for
Yxy(65.1798, 0.3195, 0.3155)
contains.

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Color

Yxy(65.3733, 0.3194, 0.3159)

Conversions

Conversions Part 1

Format	Color
Hex	E2CEDA
RGB	226, 206, 218
RGB Percent	89%, 81%, 85%
CMY	0.1136, 0.1922, 0.1450
CMYK	0.00, 0.09, 0.04, 0.11
HSL	324°, 26%, 85%
HSV	324°, 9%, 89%
XYZ	66.0976, 65.3733, 75.4721
YIQ	213.3480, 8.0680, 7.9720

Conversions

Conversions Part 2

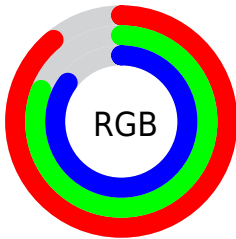
Format	Color
RYB	226, 206, 218
Decimal	14864090
CIELab	84.68, 9.03, -3.42
CIELCh	85, 9.660, 339.262
Yxy	65.3733, 0.3194, 0.3159
Android (android.graphics.Color)	4293054170 (0xFFE2CEDA)
YUV	213.3480, 2.2934, 11.0958
Hunter-Lab	80.8538, 4.4289, 1.2540

Details

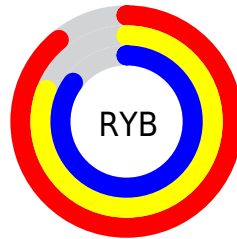
The Yxy color $65.3733, 0.3194, 0.3159$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $72.3845, 0.3066, 0.3425$, and the grayscale version is $66.7689, 0.3127, 0.3290$.

A 20% lighter version of the original color is $100.0000, 0.3127, 0.3290$, and $33.7587, 0.3215, 0.3134$ is the 20% darker color. If you saturate the color by 10%, you get $54.8042, 0.3283, 0.3004$, and if you desaturate by 10%, it is $77.5388, 0.3119, 0.3306$.

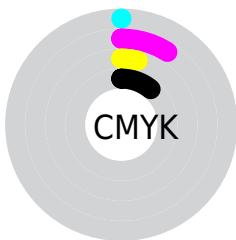
Distribution



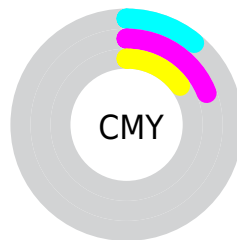
- Red (89%)
- Green (81%)
- Blue (85%)



- Red (89%)
- Yellow (81%)
- Blue (85%)



- Cyan (0%)
- Magenta (9%)
- Yellow (4%)
- Black (11%)



- Cyan (11%)
- Magenta (19%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 65.3733, 0.3194, 0.3159 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 65.3733, 0.3194, 0.3159 by changing the saturation by 10% instead.

65.3733, 0.3194,
0.3159

65.3733, 0.3194,
0.3159

444.1322, 0.3163,
0.3220

47.7638, 0.3201,
0.3145

112.5864, 0.3183,
0.3180

33.6399, 0.3210,
0.3127

142.9588, 0.3179,
0.3189

22.6171, 0.3222,
0.3105

178.3543, 0.3175,
0.3196

14.3110, 0.3237,
0.3075

219.1573, 0.3172,
0.3202

8.3373, 0.3257,
0.3035

265.7522, 0.3169,
0.3207

4.3115, 0.3288,
0.2975

318.5234, 0.3167,

1.8493, 0.3337,

0.3212

0.2879

377.8553, 0.3165,
0.3216

0.5176, 0.3505,
0.2546

0.0000, 0.0000,
0.0000

65.3733, 0.3194,
0.3159

65.3733, 0.3194,
0.3159

54.8042, 0.3283,
0.3004

77.5388, 0.3119,
0.3306

45.7562, 0.3389,
0.2845

91.3550, 0.3057,
0.3444

38.1603, 0.3513,
0.2687

94.2945, 0.3006,
0.3389

31.9391, 0.3655,
0.2538

94.8609, 0.2957,
0.3298

■ 27.0079, 0.3815,
0.2407

■ 94.9133, 0.2952,
0.3289

■ 23.2725, 0.3990,
0.2306

■ 20.6257, 0.4174,
0.2247

■ 18.9409, 0.4360,
0.2239

■ 18.0244, 0.4541,
0.2281

Harmonies

Analogous

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



65.3733, 0.3072, 0.3099



65.3733, 0.3194, 0.3159



65.3733, 0.3300, 0.3253

Triad

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



65.3733, 0.3194, 0.3159



65.3733, 0.3288, 0.3497



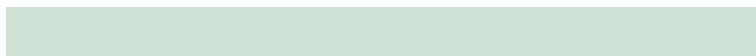
65.3733, 0.2901, 0.3215

Complementary

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



65.3733, 0.3194, 0.3159



72.3845, 0.3066, 0.3425

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.



65.3733, 0.2957, 0.3325



65.3733, 0.3194, 0.3159



65.3733, 0.3179, 0.3491

Square

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



65.3733, 0.3194, 0.3159



65.3733, 0.3355, 0.3448



65.3733, 0.3058, 0.3427



65.3733, 0.2904, 0.3129

Rectangle

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



65.3733, 0.3194, 0.3159



65.3733, 0.3346, 0.3323



65.3733, 0.3058, 0.3427



65.3733, 0.2913, 0.3251

Sweetspot

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



65.3761, 0.3194, 0.3159



95.0202, 0.3149, 0.3246



63.9302, 0.3048, 0.3067



20.0605, 0.3155, 0.3234



0.0000, 0.0000, 0.0000



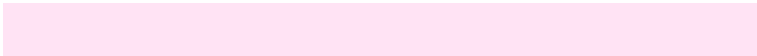
21.4041, 0.3127, 0.3290

Same Dimension

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



65.3761, 0.3194, 0.3159



82.6890, 0.3212, 0.3125



64.8675, 0.3266, 0.3268



13.8379, 0.3199, 0.3150



10.2556, 0.4535, 0.2272



0.7284, 0.4276, 0.2129

Inverse Universe

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



65.3761, 0.3194, 0.3159



82.6890, 0.3212, 0.3125



72.9121, 0.3003, 0.3312



13.8379, 0.3199, 0.3150



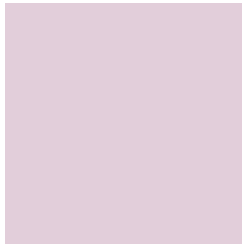
10.2556, 0.4535, 0.2272



0.7284, 0.4276, 0.2129

Previews

White Background



This preview shows how the Yxy color 65.3733, 0.3194, 0.3159 looks on a white background.

Color Contrast Check

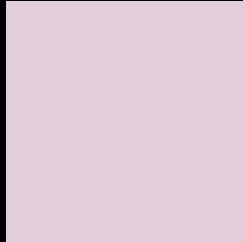
Large Text (above 18pt) WCAG AA × Fail

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 65.3733, 0.3194, 0.3159 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

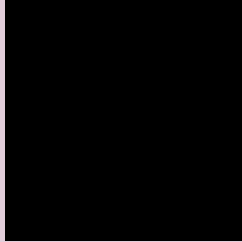
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

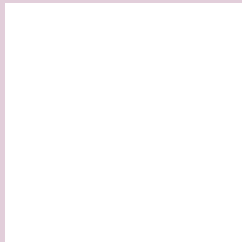
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 65.3733, 0.3194, 0.3159

Background



This preview shows how black text looks on a background with the Yxy color 65.3733, 0.3194, 0.3159.



This preview shows how white text looks on a background with the Yxy color 65.3733, 0.3194, 0.3159.

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

65.3733, 0.3194, 0.3159

Protanopia

65.4598, 0.3074, 0.3167

Deuteranopia

65.3826, 0.3218, 0.3149



Tritanopia

65.2675, 0.3174, 0.3106

Trichromacy



Original Color

65.3733, 0.3194, 0.3159

Protanomaly

65.6737, 0.3118, 0.3168

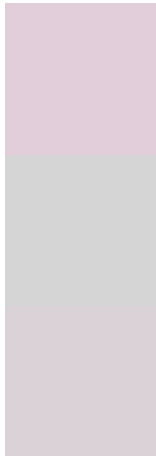
Deuteranomaly

65.2186, 0.3210, 0.3149

Tritanomaly

65.2140, 0.3181, 0.3116

Monochromacy



Original Color

65.3733, 0.3194, 0.3159

Achromatopsia

66.5387, 0.3127, 0.3290

Achromatomaly

65.9049, 0.3152, 0.3234

CSS Examples

Text

The CSS property to change the color of the text to Yxy 65.3733, 0.3194, 0.3159 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(226, 206, 218)` looks like.

```
.text, #text, p{  
    color:rgb(226, 206, 218)  
}
```

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(226, 206, 218) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(226, 206, 218) }
```

Border

The CSS property to change the border of an element to Yxy 65.3733, 0.3194, 0.3159 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(226, 206, 218) }
```

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

```
.border{ border-color:rgb(226, 206, 218) }
```

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

Here you see how a box with a 4 pixel `rgb(226, 206, 218)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(226, 206, 218); -webkit-box-  
shadow:4px 4px 4px 4px rgb(226, 206, 218);  
box-shadow:4px 4px 4px 4px rgb(226, 206,  
218) }
```


Background

The CSS property to change the background color of an element to Yxy 65.3733, 0.3194, 0.3159 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(226, 206, 218) }
```

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

```
.background{ background-color: rgb(226,  
206, 218) }
```

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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