

Converting Colors

$Yxy(65.1080, 0.3195, 0.3138)$

Have a look what the booklet for
Yxy(65.1080, 0.3195, 0.3138)
contains.

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Color

Yxy(65.1080, 0.3195, 0.3138)

Conversions

Conversions Part 1

Format	Color
Hex	E3CDDB
RGB	227, 205, 219
RGB Percent	89%, 80%, 86%
CMY	0.1099, 0.1960, 0.1412
CMYK	0.00, 0.10, 0.04, 0.11
HSL	322°, 28%, 85%
HSV	322°, 10%, 89%
XYZ	66.2907, 65.1080, 76.0838
YIQ	213.1740, 8.6180, 9.0180

Conversions

Conversions Part 2

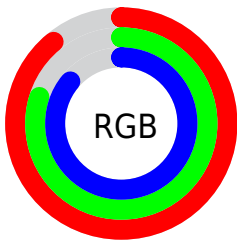
Format	Color
R _Y B	227, 205, 219
Decimal	14929371
CIE Lab	84.54, 10.05, -4.13
CIE LCh	85, 10.870, 337.653
Yxy	65.1080, 0.3195, 0.3138
Android (android.graphics.Color)	4293119451 (0xFFE3CDDB)
YUV	213.1740, 2.8722, 12.1254
Hunter-Lab	80.6895, 5.4404, 0.5769

Details

The Yxy color **65.1080, 0.3195, 0.3138** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **72.7141, 0.3065, 0.3447**, and the grayscale version is **66.6382, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **33.5842, 0.3216, 0.3106** is the 20% darker color. If you saturate the color by 10%, you get **54.6028, 0.3278, 0.2974**, and if you desaturate by 10%, it is **77.2158, 0.3125, 0.3295**.

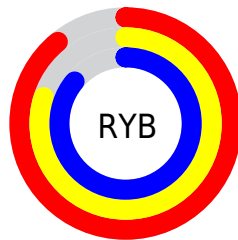
Distribution



Red (89%)

Green (80%)

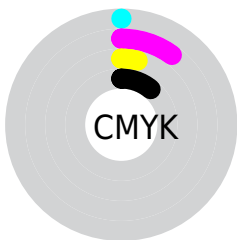
Blue (86%)



Red (89%)

Yellow (80%)

Blue (86%)

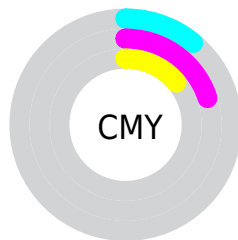


Cyan (0%)

Magenta (10%)

Yellow (4%)

Black (11%)



Cyan (11%)


Magenta (20%)


Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 65.1080, 0.3195, 0.3138 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 65.1080, 0.3195, 0.3138 by changing the saturation by 10% instead.


 65.1080, 0.3195,
0.3138

 65.1080, 0.3195,
0.3138


443.1800, 0.3163,
0.3209

 47.5487, 0.3202,
0.3122


112.2051, 0.3184,
0.3163

 33.4696, 0.3211,
0.3101


142.5117, 0.3180,
0.3172

 22.4864, 0.3223,
0.3075


177.8361, 0.3176,
0.3181

 14.2148, 0.3238,
0.3041

218.5628, 0.3173,
0.3188

 8.2702, 0.3259,
0.2995

265.0761, 0.3170,
0.3194

 4.2683, 0.3289,
0.2926

317.7605, 0.3168,

 1.8248, 0.3338,

0.3200

0.2816

377.0003, 0.3165,
0.3205

0.5025, 0.3507,
0.2437

0.0000, 0.0000,
0.0000

65.1080, 0.3195,
0.3138

65.1080, 0.3195,
0.3138

54.6028, 0.3278,
0.2974

77.2158, 0.3125,
0.3295

45.6237, 0.3376,
0.2806

90.9814, 0.3067,
0.3442

38.1010, 0.3490,
0.2640

94.3653, 0.3019,
0.3403

31.9560, 0.3619,
0.2483

94.8776, 0.2974,
0.3319

■ 27.1023, 0.3764,
0.2347

■ 95.0681, 0.2958,
0.3290

■ 23.4441, 0.3921,
0.2242

■ 20.8719, 0.4084,
0.2180

■ 19.2558, 0.4248,
0.2168

■ 18.3784, 0.4408,
0.2203

Harmonies

Analogous

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



65.1080, 0.3057, 0.3073



65.1080, 0.3195, 0.3138



65.1080, 0.3317, 0.3242

Triad

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



65.1080, 0.3195, 0.3138



65.1080, 0.3314, 0.3522



65.1080, 0.2874, 0.3212

Complementary

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



65.1080, 0.3195, 0.3138



72.7141, 0.3065, 0.3447

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.



65.1080, 0.2940, 0.3336



65.1080, 0.3195, 0.3138



65.1080, 0.3193, 0.3519

Square

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



65.1080, 0.3195, 0.3138



65.1080, 0.3386, 0.3463



65.1080, 0.3056, 0.3450



65.1080, 0.2874, 0.3112

Rectangle

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



65.1080, 0.3195, 0.3138



65.1080, 0.3371, 0.3320



65.1080, 0.3056, 0.3450



65.1080, 0.2889, 0.3252

Sweetspot

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



65.1108, 0.3195, 0.3138



95.0379, 0.3147, 0.3243



63.3155, 0.3032, 0.3045



20.0652, 0.3153, 0.3231



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.



65.1108, 0.3195, 0.3138



81.3103, 0.3214, 0.3099



64.5661, 0.3273, 0.3254



14.5216, 0.3193, 0.3142



10.7293, 0.4390, 0.2192



0.8105, 0.4172, 0.2072

Inverse Universe

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



65.1108, 0.3195, 0.3138



81.3103, 0.3214, 0.3099



73.2747, 0.2999, 0.3326



14.5216, 0.3193, 0.3142



10.7293, 0.4390, 0.2192



0.8105, 0.4172, 0.2072

Previews

White Background



This preview shows how the Yxy color 65.1080, 0.3195, 0.3138 looks on a white background.

Color Contrast Check

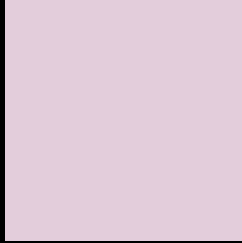
Large Text (above 18pt) WCAG AA × Fail

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 65.1080, 0.3195, 0.3138 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

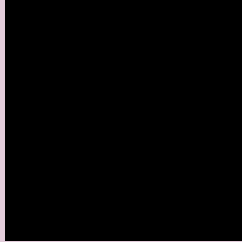
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 65.1080, 0.3195, 0.3138

Background



This preview shows how black text looks on a background with the Yxy color 65.1080, 0.3195, 0.3138.



This preview shows how white text looks on a background with the Yxy color 65.1080, 0.3195, 0.3138.

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

65.1080, 0.3195, 0.3138

Protanopia

65.3642, 0.3060, 0.3156

Deuteranopia

65.2711, 0.3203, 0.3138



Tritanopia

65.2140, 0.3181, 0.3116

Trichromacy



Original Color

65.1080, 0.3195, 0.3138

Protanomaly

65.0839, 0.3104, 0.3146

Deuteranomaly

65.2711, 0.3203, 0.3138

Tritanomaly

65.1608, 0.3188, 0.3127

Monochromacy



Original Color

65.1080, 0.3195, 0.3138

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 65.1080, 0.3195, 0.3138 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, 205, 219)` looks like.

```
.text, #text, p{  
    color:rgb(227, 205, 219)  
}
```

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, 205, 219) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(227, 205, 219) }
```

Border

The CSS property to change the border of an element to Yxy 65.1080, 0.3195, 0.3138 is called "border". The border property can be set on classes, ids or directly on the HTML element.

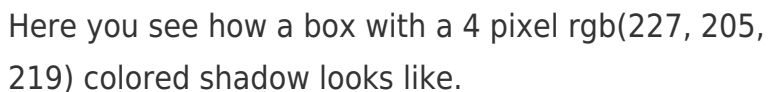
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(227, 205, 219) }
```

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

```
.border{ border-color:rgb(227, 205, 219) }
```

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



Here you see how a box with a 4 pixel rgb(227, 205, 219) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(227, 205, 219); -webkit-box-  
shadow:4px 4px 4px 4px rgb(227, 205, 219);  
box-shadow:4px 4px 4px 4px rgb(227, 205,  
219) }
```


Background

The CSS property to change the background color of an element to Yxy 65.1080, 0.3195, 0.3138 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(227, 205, 219) }
```

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

```
.background{ background-color: rgb(227,  
205, 219) }
```

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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