

Converting Colors

Yxy(67.0241, 0.3258, 0.3165)

Have a look what the booklet for
Yxy(67.0241, 0.3258, 0.3165)
contains.

Yxy(66.8667, 0.3263, 0.3162)	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(66.8667, 0.3263, 0.3162)

Conversions

Conversions Part 1

Format	Color
Hex	EBCEDA
RGB	235, 206, 218
RGB Percent	92%, 81%, 85%
CMY	0.0782, 0.1922, 0.1451
CMYK	0.00, 0.12, 0.07, 0.08
HSL	335°, 42%, 86%
HSV	335°, 12%, 92%
XYZ	69.0025, 66.8667, 75.6004
YIQ	216.0390, 13.4320, 9.8800

Conversions

Conversions Part 2

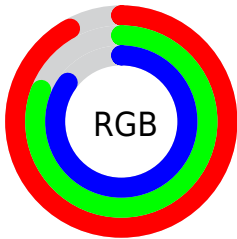
Format	Color
R _Y B	235, 206, 218
Decimal	15453914
CIE Lab	85.44, 12.15, -2.21
CIE LCh	85, 12.351, 349.697
Yxy	66.8667, 0.3263, 0.3162
Android (android.graphics.Color)	4293643994 (0xFFEBCEDA)
YUV	216.0390, 0.9668, 16.6288
Hunter-Lab	81.7721, 7.5243, 2.4253

Details

The Yxy color $66.8667, 0.3263, 0.3162$ is a light color, and the websafe version is hex `FFCCCC`. A complement of this color would be $77.9025, 0.3009, 0.3422$, and the grayscale version is $68.6897, 0.3127, 0.3290$.

A 20% lighter version of the original color is $100.0000, 0.3127, 0.3290$, and $34.6845, 0.3296, 0.3138$ is the 20% darker color. If you saturate the color by 10%, you get $55.6944, 0.3400, 0.3052$, and if you desaturate by 10%, it is $79.7974, 0.3151, 0.3266$.

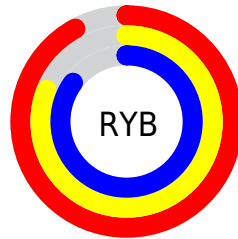
Distribution



Red (92%)

Green (81%)

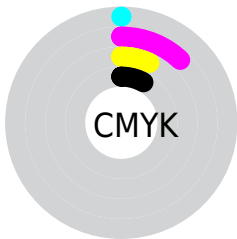
Blue (85%)



Red (92%)

Yellow (81%)

Blue (85%)

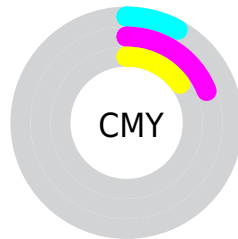


Cyan (0%)

Magenta (12%)

Yellow (7%)

Black (8%)



Cyan (8%)


Magenta (19%)

Yellow (15%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 66.8667, 0.3263, 0.3162 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 66.8667, 0.3263, 0.3162 by changing the saturation by 10% instead.

 66.8667, 0.3263,
0.3162

 66.8667, 0.3263,
0.3162


449.4701, 0.3199,
0.3222

 48.9763, 0.3278,
0.3148


114.7294, 0.3241,
0.3183

 34.6007, 0.3296,
0.3131


145.4705, 0.3232,
0.3191

 23.3554, 0.3319,
0.3109


181.2639, 0.3225,
0.3198

 14.8562, 0.3350,
0.3081

222.4941, 0.3218,
0.3204

 8.7185, 0.3393,
0.3042

269.5454, 0.3213,
0.3209

 4.5580, 0.3456,
0.2984

322.8022, 0.3208,

 1.9904, 0.3557,

0.3214

0.2892

382.6490, 0.3203,
0.3218

0.6019, 0.3810,
0.2639

0.0000, 0.0000,
0.0000

66.8667, 0.3263,
0.3162

66.8667, 0.3263,
0.3162

55.6944, 0.3400,
0.3052

79.7974, 0.3151,
0.3266

46.1953, 0.3565,
0.2940

94.5493, 0.3059,
0.3364

38.2904, 0.3762,
0.2830

96.4130, 0.3006,
0.3290

31.8907, 0.3995,
0.2730

■ 26.8983, 0.4260,
0.2650

■ 23.2039, 0.4551,
0.2604

■ 20.6814, 0.4855,
0.2603

■ 19.1793, 0.5150,
0.2656

■ 18.5390, 0.5361,
0.2727

Harmonies

Analogous

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



66.8667, 0.3110, 0.3069



66.8667, 0.3263, 0.3162



66.8667, 0.3381, 0.3288

Triad

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



66.8667, 0.3263, 0.3162



66.8667, 0.3288, 0.3560



66.8667, 0.2834, 0.3151

Complementary

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



66.8667, 0.3263, 0.3162



77.9025, 0.3009, 0.3422

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.



66.8667, 0.2879, 0.3284



66.8667, 0.3263, 0.3162



66.8667, 0.3139, 0.3525

Square

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



66.8667, 0.3263, 0.3162



66.8667, 0.3395, 0.3518



66.8667, 0.2990, 0.3423



66.8667, 0.2864, 0.3060

Rectangle

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



66.8667, 0.3263, 0.3162



66.8667, 0.3423, 0.3376



66.8667, 0.2990, 0.3423



66.8667, 0.2840, 0.3192

Sweetspot

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



66.8696, 0.3263, 0.3162



93.2844, 0.3168, 0.3250



65.8159, 0.3052, 0.2977



19.7048, 0.3176, 0.3242



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.



66.8696, 0.3263, 0.3162



76.6150, 0.3297, 0.3133



67.4387, 0.3348, 0.3317



15.1573, 0.3228, 0.3193



10.3355, 0.5320, 0.2704



0.8303, 0.4960, 0.2506

Inverse Universe

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



66.8696, 0.3263, 0.3162



76.6150, 0.3297, 0.3133



77.1955, 0.2937, 0.3263



15.1573, 0.3228, 0.3193



10.3355, 0.5320, 0.2704



0.8303, 0.4960, 0.2506

Previews

White Background



This preview shows how the Yxy color 66.8667, 0.3263, 0.3162 looks on a white background.

Color Contrast Check

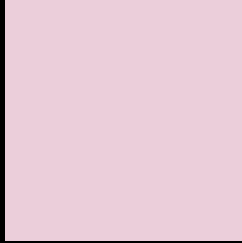
Large Text (above 18pt) WCAG AA × Fail

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 66.8667, 0.3263, 0.3162 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

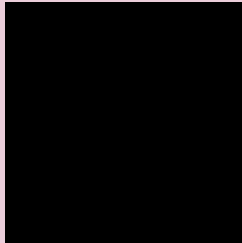
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 66.8667, 0.3263, 0.3162

Background



This preview shows how black text looks on a background with the Yxy color 66.8667, 0.3263, 0.3162.



This preview shows how white text looks on a background with the Yxy color 66.8667, 0.3263, 0.3162.

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

66.8667, 0.3263, 0.3162

Protanopia

66.8080, 0.3081, 0.3179

Deuteranopia

66.8434, 0.3239, 0.3172



Tritanopia

66.7160, 0.3249, 0.3120

Trichromacy



Original Color

66.8667, 0.3263, 0.3162

Protanomaly

66.8432, 0.3140, 0.3170

Deuteranomaly

67.0112, 0.3246, 0.3172

Tritanomaly

66.6628, 0.3257, 0.3131

Monochromacy



Original Color

66.8667, 0.3263, 0.3162

Achromatopsia

68.6685, 0.3127, 0.3290

Achromatomaly

67.7847, 0.3174, 0.3235

CSS Examples

Text

The CSS property to change the color of the text to Yxy 66.8667, 0.3263, 0.3162 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(235, 206, 218)` looks like.

```
.text, #text, p{  
    color:rgb(235, 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(235, 206, 218) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(235, 206, 218) }
```

Border

The CSS property to change the border of an element to Yxy 66.8667, 0.3263, 0.3162 is called "border". The border property can be set on classes, ids or directly on the HTML element.

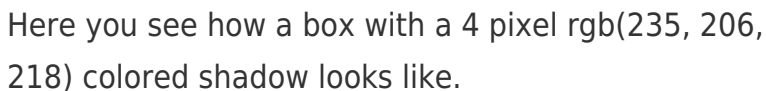
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(235, 206, 218) }
```

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

```
.border{ border-color:rgb(235, 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(235, 206, 218) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(235, 206, 218); -webkit-box-  
shadow:4px 4px 4px 4px rgb(235, 206, 218);  
box-shadow:4px 4px 4px 4px rgb(235, 206,  
218) }
```


Background

The CSS property to change the background color of an element to Yxy 66.8667, 0.3263, 0.3162 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(235, 206, 218) }
```

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

```
.background{ background-color: rgb(235,  
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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