

Converting Colors

$Yxy(64.7587, 0.3086, 0.3191)$

Have a look what the booklet for
Yxy(64.7587, 0.3086, 0.3191)
contains.

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Color

Yxy(64.6599, 0.3087, 0.3189)

Conversions

Conversions Part 1

Format	Color
Hex	D4D1DA
RGB	212, 209, 218
RGB Percent	83%, 82%, 85%
CMY	0.1689, 0.1803, 0.1451
CMYK	0.03, 0.04, 0.00, 0.15
HSL	259°, 11%, 84%
HSV	259°, 4%, 85%
XYZ	62.5918, 64.6599, 75.5075
YIQ	210.9230, -1.1010, 3.4350

Conversions

Conversions Part 2

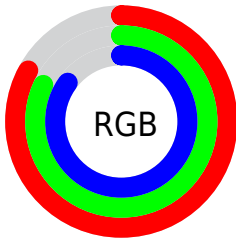
Format	Color
R _Y B	212, 209, 218
Decimal	13947354
CIE Lab	84.31, 2.64, -4.08
CIE LCh	84, 4.864, 302.933
Yxy	64.6599, 0.3087, 0.3189
Android (android.graphics.Color)	4292137434 (0xFFD4D1DA)
YUV	210.9230, 3.4890, 0.9445
Hunter-Lab	80.4114, -1.7765, 0.6137

Details

The Yxy color $64.6599, 0.3087, 0.3189$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $69.2057, 0.3166, 0.3390$, and the grayscale version is $65.0608, 0.3127, 0.3290$.

A 20% lighter version of the original color is $100.0000, 0.3127, 0.3290$, and $33.2551, 0.3074, 0.3171$ is the 20% darker color. If you saturate the color by 10%, you get $52.5962, 0.2978, 0.2925$, and if you desaturate by 10%, it is $78.3925, 0.3180, 0.3427$.

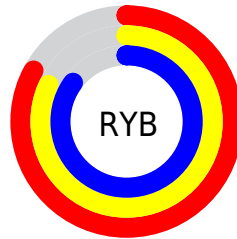
Distribution



Red (83%)

Green (82%)

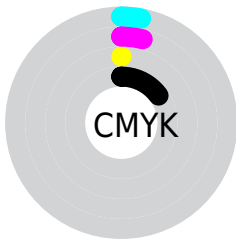
Blue (85%)



Red (83%)

Yellow (82%)

Blue (85%)

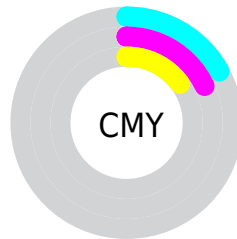


Cyan (3%)

Magenta (4%)

Yellow (0%)

Black (15%)



Cyan (17%)

Magenta (18%)

Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 64.6599, 0.3087, 0.3189 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 64.6599, 0.3087, 0.3189 by changing the saturation by 10% instead.

■ 64.6599, 0.3087,
0.3189

■ 64.6599, 0.3087,
0.3189

441.5688, 0.3106,
0.3237

■ 47.1854, 0.3082,
0.3178

111.5608, 0.3094,
0.3206

■ 33.1822, 0.3077,
0.3164

141.7559, 0.3096,
0.3212

■ 22.2661, 0.3070,
0.3146

176.9599, 0.3099,
0.3218

■ 14.0525, 0.3060,
0.3123

217.5574, 0.3100,
0.3222

■ 8.1572, 0.3046,
0.3091

263.9326, 0.3102,
0.3227

■ 4.1957, 0.3026,
0.3043

316.4700, 0.3104,

■ 1.7836, 0.2992,

0.3230

0.2964

375.5539, 0.3105,
0.3234

0.4769, 0.2878,
0.2650

0.0000, 0.0000,
0.0000

64.6599, 0.3087,
0.3189

64.6599, 0.3087,
0.3189

52.5962, 0.2978,
0.2925

78.3925, 0.3180,
0.3427

42.1289, 0.2853,
0.2637

93.8465, 0.3260,
0.3638

33.1919, 0.2712,
0.2328

97.8417, 0.3346,
0.3651

25.7117, 0.2557,
0.2009

■ 19.6085, 0.2392,
0.1690

■ 14.7945, 0.2223,
0.1391

■ 11.1714, 0.2059,
0.1129

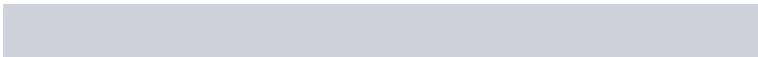
■ 8.6263, 0.1910,
0.0922

■ 7.0227, 0.1785,
0.0781

Harmonies

Analogous

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



64.6599, 0.3037, 0.3190



64.6599, 0.3087, 0.3189



64.6599, 0.3148, 0.3215

Triad

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



64.6599, 0.3087, 0.3189



64.6599, 0.3245, 0.3362



64.6599, 0.3050, 0.3320

Complementary

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



64.6599, 0.3087, 0.3189



69.2057, 0.3166, 0.3390

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.



64.6599, 0.3105, 0.3367



64.6599, 0.3087, 0.3189



64.6599, 0.3218, 0.3392

Square

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



64.6599, 0.3087, 0.3189



64.6599, 0.3240, 0.3314



64.6599, 0.3167, 0.3394



64.6599, 0.3016, 0.3264

Rectangle

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



64.6599, 0.3087, 0.3189



64.6599, 0.3188, 0.3244



64.6599, 0.3167, 0.3394



64.6599, 0.3067, 0.3337

Sweetspot

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



64.6627, 0.3087, 0.3189



98.0584, 0.3118, 0.3266



67.3009, 0.3064, 0.3258



21.0090, 0.3118, 0.3267



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.



64.6627, 0.3087, 0.3189



90.5356, 0.3078, 0.3166



65.3279, 0.3120, 0.3190



13.8484, 0.3071, 0.3150



3.8799, 0.1737, 0.0731



0.2970, 0.1918, 0.0830

Inverse Universe

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



65.4292, 0.3152, 0.3223



91.8698, 0.3158, 0.3207



68.5456, 0.3134, 0.3391



14.0797, 0.3162, 0.3197



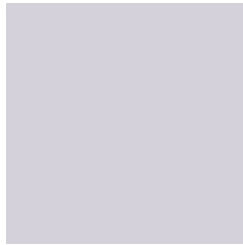
10.2184, 0.4233, 0.2105



0.6775, 0.4025, 0.1991

Previews

White Background



This preview shows how the Yxy color 64.6599, 0.3087, 0.3189 looks on a white background.

Color Contrast Check

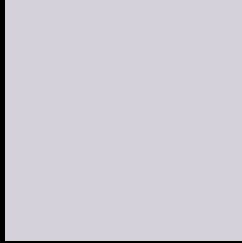
Large Text (above 18pt) WCAG AA × Fail

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 64.6599, 0.3087, 0.3189 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

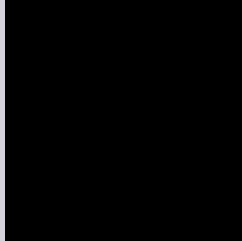
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

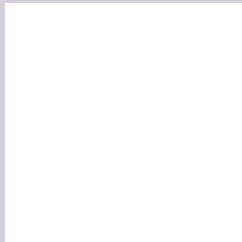
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 64.6599, 0.3087, 0.3189

Background



This preview shows how black text looks on a background with the Yxy color 64.6599, 0.3087, 0.3189.

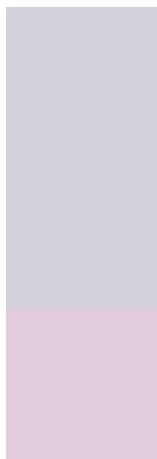


This preview shows how white text looks on a background with the Yxy color 64.6599, 0.3087, 0.3189.

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

64.6599, 0.3087, 0.3189

Protanopia

64.6599, 0.3087, 0.3189

Deuteranopia

64.6311, 0.3196, 0.3127



Tritanopia

64.6397, 0.3054, 0.3112

Trichromacy



Original Color

64.6599, 0.3087, 0.3189

Protanomaly

64.6599, 0.3087, 0.3189

Deuteranomaly

64.7867, 0.3156, 0.3147

Tritanomaly

64.5318, 0.3068, 0.3133

Monochromacy



Original Color

64.6599, 0.3087, 0.3189

Achromatopsia

65.1406, 0.3127, 0.3290

Achromatomaly

64.7971, 0.3107, 0.3245

CSS Examples

Text

The CSS property to change the color of the text to Yxy 64.6599, 0.3087, 0.3189 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(212, 209, 218) looks like.

```
.text, #text, p{  
    color:rgb(212, 209, 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(212, 209, 218) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(212, 209, 218) }
```

Border

The CSS property to change the border of an element to Yxy 64.6599, 0.3087, 0.3189 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(212, 209, 218) }
```

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

```
.border{ border-color:rgb(212, 209, 218) }
```

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

Here you see how a box with a 4 pixel rgb(212, 209, 218) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(212, 209, 218); -webkit-box-  
shadow:4px 4px 4px 4px rgb(212, 209, 218);  
box-shadow:4px 4px 4px 4px rgb(212, 209,  
218) }
```


Background

The CSS property to change the background color of an element to Yxy 64.6599, 0.3087, 0.3189 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(212, 209, 218) }
```

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

```
.background{ background-color: rgb(212,  
209, 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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