

Converting Colors

Yxy(30.6323, 0.4049, 0.3255)

Have a look what the booklet for
Yxy(30.6323, 0.4049, 0.3255)
contains.

Yxy(30.6323, 0.4049, 0.3255)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(30.6323, 0.4049, 0.3255)

Conversions

Conversions Part 1

Format	Color
Hex	D18083
RGB	209, 128, 131
RGB Percent	82%, 50%, 51%
CMY	0.1805, 0.4980, 0.4863
CMYK	0.00, 0.39, 0.37, 0.18
HSL	358°, 47%, 66%
HSV	358°, 39%, 82%
XYZ	38.1045, 30.6323, 25.3716
YIQ	152.5610, 47.3130, 18.1050

Conversions

Conversions Part 2

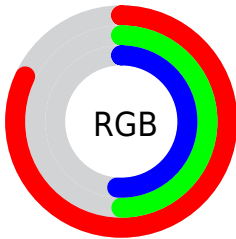
Format	Color
R _Y B	209, 128, 131
Decimal	13729923
CIE Lab	62.20, 31.63, 11.75
CIE LCh	62, 33.740, 20.378
Yxy	30.6323, 0.4049, 0.3255
Android (android.graphics.Color)	4291920003 (0xFFD18083)
YUV	152.5610, -10.6296, 49.4970
Hunter-Lab	55.3465, 26.0360, 11.5631

Details

The Yxy color **30.6323, 0.4049, 0.3255** is a light color, and the websafe version is hex **CC6666**. A complement of this color would be **54.6367, 0.2610, 0.3328**, and the grayscale version is **31.6871, 0.3127, 0.3290**.

A 20% lighter version of the original color is **58.1766, 0.3746, 0.3271**, and **12.5924, 0.4366, 0.3210** is the 20% darker color. If you saturate the color by 10%, you get **25.2373, 0.4429, 0.3248**, and if you desaturate by 10%, it is **37.2590, 0.3733, 0.3264**.

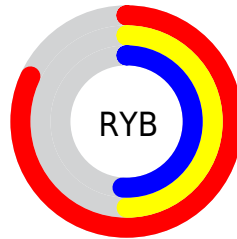
Distribution



Red (82%)

Green (50%)

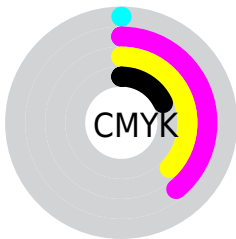
Blue (51%)



Red (82%)

Yellow (50%)

Blue (51%)

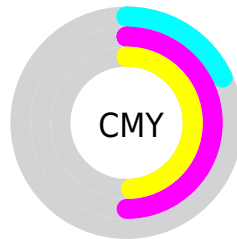


Cyan (0%)

Magenta (39%)

Yellow (37%)

Black (18%)



Cyan (18%)

Magenta (50%)

Yellow (49%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 30.6323, 0.4049, 0.3255 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 30.6323, 0.4049, 0.3255 by changing the saturation by 10% instead.

 30.6323, 0.4049,
0.3255


 30.6323, 0.4049,
0.3255


304.8407, 0.3551,
0.3287

 20.3190, 0.4186,
0.3241


 60.6607, 0.3859,
0.3271

 12.6272, 0.4369,
0.3219


 81.1446, 0.3791,
0.3275

 7.1723, 0.4626,
0.3181


 105.7875, 0.3734,
0.3279

 3.5701, 0.5010,
0.3111

134.9738, 0.3686,
0.3281

 1.4361, 0.5672,
0.2981

169.0879, 0.3645,
0.3283

 0.2431, 0.8066,
0.1934

208.5141, 0.3609,


 0.0000, 0.0000,


0.3285


0.0000


253.6369, 0.3578,
0.3286


 30.6323, 0.4049,
0.3255


 30.6323, 0.4049,
0.3255


 25.2373, 0.4429,
0.3248


 37.2590, 0.3733,
0.3264


 20.9940, 0.4868,
0.3243

 45.1820, 0.3478,
0.3273

 17.8198, 0.5338,
0.3244


 54.4669, 0.3273,
0.3282

 15.6196, 0.5786,
0.3252

 65.1735, 0.3108,
0.3291


 14.2814, 0.6140,
0.3267

 77.3579, 0.2977,
0.3299

 13.6313, 0.6349,
0.3282

 91.0733, 0.2871,
0.3306

 13.5686, 0.6368,
0.3281

 92.2918, 0.2855,
0.3289

Harmonies

Analogous

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



30.6323, 0.3610, 0.2864



30.6323, 0.4049, 0.3255



30.6323, 0.4212, 0.3680

Triad

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



30.6323, 0.4049, 0.3255



30.6323, 0.3122, 0.4178



30.6323, 0.2251, 0.2492

Complementary

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



30.6323, 0.4049, 0.3255



54.6367, 0.2610, 0.3328

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.



30.6323, 0.2150, 0.2757



30.6323, 0.4049, 0.3255



30.6323, 0.2622, 0.3768

Square

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



30.6323, 0.4049, 0.3255



30.6323, 0.3647, 0.4268



30.6323, 0.2277, 0.3219



30.6323, 0.2568, 0.2438

Rectangle

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



30.6323, 0.4049, 0.3255



30.6323, 0.4139, 0.3944



30.6323, 0.2277, 0.3219



30.6323, 0.2193, 0.2556

Sweetspot

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



30.6338, 0.4049, 0.3255



80.2513, 0.3337, 0.3279



33.0149, 0.3131, 0.2329



16.7594, 0.3364, 0.3278



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.



30.6338, 0.4049, 0.3255



41.3039, 0.4340, 0.3249



41.8233, 0.3903, 0.3749



11.8152, 0.3285, 0.3282



8.3713, 0.6358, 0.3276



0.4706, 0.6219, 0.3200

Inverse Universe

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



30.6338, 0.4049, 0.3255



41.3039, 0.4340, 0.3249



38.9064, 0.2517, 0.2776



11.8152, 0.3285, 0.3282



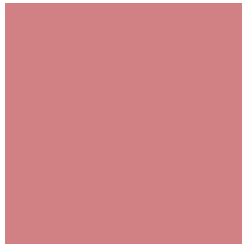
8.3713, 0.6358, 0.3276



0.4706, 0.6219, 0.3200

Previews

White Background



This preview shows how the Yxy color 30.6323, 0.4049, 0.3255 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 30.6323, 0.4049, 0.3255 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

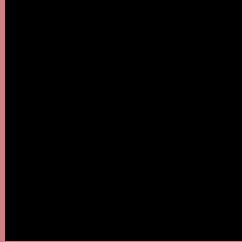
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 30.6323, 0.4049, 0.3255

Background



This preview shows how black text looks on a background with the Yxy color 30.6323, 0.4049, 0.3255.



This preview shows how white text looks on a background with the Yxy color 30.6323, 0.4049, 0.3255.

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

30.6323, 0.4049, 0.3255

Protanopia

30.7644, 0.3246, 0.3399

Deuteranopia

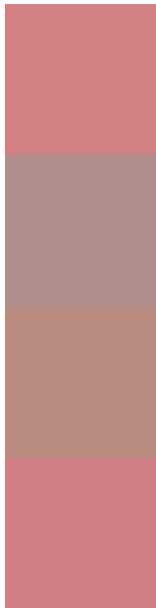
30.6935, 0.3607, 0.3542



Tritanopia

30.5402, 0.3980, 0.3166

Trichromacy



Original Color

30.6323, 0.4049, 0.3255

Protanomaly

30.3240, 0.3521, 0.3335

Deuteranomaly

30.4893, 0.3765, 0.3433

Tritanomaly

30.4833, 0.4005, 0.3191

Monochromacy



Original Color

30.6323, 0.4049, 0.3255

Achromatopsia

31.8547, 0.3127, 0.3290

Achromatomaly

30.8751, 0.3429, 0.3276

CSS Examples

Text

The CSS property to change the color of the text to Yxy 30.6323, 0.4049, 0.3255 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(209, 128, 131)` looks like.

```
.text, #text, p{  
    color:rgb(209, 128, 131)  
}
```

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(209, 128, 131) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(209, 128, 131) }
```

Border

The CSS property to change the border of an element to Yxy 30.6323, 0.4049, 0.3255 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(209, 128, 131) }
```

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

```
.border{ border-color:rgb(209, 128, 131) }
```

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

Here you see how a box with a 4 pixel `rgb(209, 128, 131)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(209, 128, 131); -webkit-box-  
shadow:4px 4px 4px 4px rgb(209, 128, 131);  
box-shadow:4px 4px 4px 4px rgb(209, 128,  
131) }
```


Background

The CSS property to change the background color of an element to Yxy 30.6323, 0.4049, 0.3255 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(209, 128, 131) }
```

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

```
.background{ background-color: rgb(209,  
128, 131) }
```

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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