

Converting Colors

$Yxy(48.0375, 0.3309, 0.3298)$

Have a look what the booklet for
Yxy(48.0375, 0.3309, 0.3298)
contains.

Yxy(48.1765, 0.3310, 0.3303)	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(48.1765, 0.3310, 0.3303)

Conversions

Conversions Part 1

Format	Color
Hex	C8B4B3
RGB	200, 180, 179
RGB Percent	78%, 71%, 70%
CMY	0.2157, 0.2941, 0.2980
CMYK	0.00, 0.10, 0.11, 0.22
HSL	3°, 16%, 74%
HSV	3°, 11%, 78%
XYZ	48.2786, 48.1765, 49.4017
YIQ	185.8660, 12.2410, 3.9290

Conversions

Conversions Part 2

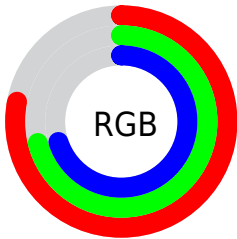
Format	Color
R _Y B	200, 180, 179
Decimal	13153459
CIE Lab	74.94, 6.98, 3.10
CIE LCh	75, 7.635, 23.990
Yxy	48.1765, 0.3310, 0.3303
Android (android.graphics.Color)	4291343539 (0xFFC8B4B3)
YUV	185.8660, -3.3849, 12.3955
Hunter-Lab	69.4093, 2.6919, 6.3872

Details

The Yxy color $48.1765, 0.3310, 0.3303$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $54.6036, 0.2967, 0.3277$, and the grayscale version is $49.0395, 0.3127, 0.3290$.

A 20% lighter version of the original color is $87.2491, 0.3262, 0.3300$, and $22.7961, 0.3368, 0.3308$ is the 20% darker color. If you saturate the color by 10%, you get $40.2580, 0.3527, 0.3316$, and if you desaturate by 10%, it is $57.2734, 0.3135, 0.3291$.

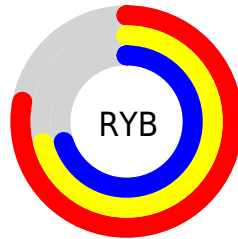
Distribution



Red (78%)

Green (71%)

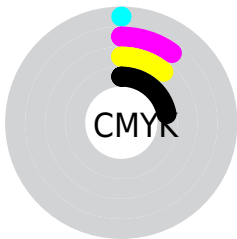
Blue (70%)



Red (78%)

Yellow (71%)

Blue (70%)

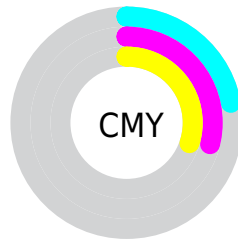


Cyan (0%)

Magenta (10%)

Yellow (11%)

Black (22%)



Cyan (22%)


Magenta (29%)


Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 48.1765, 0.3310, 0.3303 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 48.1765, 0.3310, 0.3303 by changing the saturation by 10% instead.


 48.1765, 0.3310,
0.3303

 48.1765, 0.3310,
0.3303

379.4913, 0.3219,
0.3297

 33.9667, 0.3333,
0.3304


 87.4671, 0.3277,
0.3301

 22.8680, 0.3362,
0.3306


113.3167, 0.3264,
0.3300

 14.4961, 0.3401,
0.3308


143.8151, 0.3254,
0.3300

 8.4665, 0.3455,
0.3310

179.3465, 0.3245,
0.3299

 4.3949, 0.3536,
0.3312

220.2955, 0.3237,
0.3298

 1.8968, 0.3671,
0.3314

267.0463, 0.3230,

 0.5465, 0.4273,

0.3298

0.3386

319.9835, 0.3224,
0.3298

0.0000, 0.0000,
0.0000

48.1765, 0.3310,
0.3303

48.1765, 0.3310,
0.3303

40.2580, 0.3527,
0.3316

57.2734, 0.3135,
0.3291

33.4635, 0.3796,
0.3330

67.5874, 0.2994,
0.3279

27.7442, 0.4124,
0.3344

79.1632, 0.2879,
0.3269

23.0449, 0.4515,
0.3356

91.0204, 0.2805,
0.3289

19.3057, 0.4959,
0.3364

■ 16.4603, 0.5426,
0.3365

■ 14.4342, 0.5858,
0.3357

■ 13.1405, 0.6186,
0.3339

■ 12.4876, 0.6369,
0.3325

Harmonies

Analogous

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



48.1765, 0.3235, 0.3213



48.1765, 0.3310, 0.3303



48.1765, 0.3335, 0.3391

Triad

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



48.1765, 0.3310, 0.3303



48.1765, 0.3120, 0.3443



48.1765, 0.2953, 0.3126

Complementary

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



48.1765, 0.3310, 0.3303



54.6036, 0.2967, 0.3277

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.



48.1765, 0.2923, 0.3184



48.1765, 0.3310, 0.3303



48.1765, 0.3019, 0.3369

Square

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



48.1765, 0.3310, 0.3303



48.1765, 0.3225, 0.3475



48.1765, 0.2948, 0.3273



48.1765, 0.3028, 0.3111

Rectangle

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



48.1765, 0.3310, 0.3303



48.1765, 0.3320, 0.3438



48.1765, 0.2948, 0.3273



48.1765, 0.2937, 0.3140

Sweetspot

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



48.1786, 0.3310, 0.3303



94.9567, 0.3176, 0.3294



48.6585, 0.3145, 0.3043



20.0432, 0.3190, 0.3295



0.0000, 0.0000, 0.0000



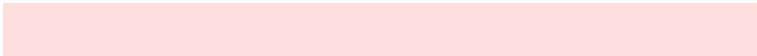
21.4041, 0.3127, 0.3290

Same Dimension

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



48.1786, 0.3310, 0.3303



79.5322, 0.3364, 0.3307



52.4505, 0.3296, 0.3429



10.7167, 0.3288, 0.3302



7.9767, 0.6361, 0.3331



0.4067, 0.6223, 0.3440

Inverse Universe

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



54.6036, 0.2967, 0.3277



93.2410, 0.2927, 0.3273



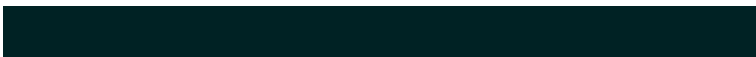
50.0650, 0.2966, 0.3148



11.9774, 0.2984, 0.3278



26.2321, 0.2206, 0.3142



1.2694, 0.2215, 0.3175

Previews

White Background



This preview shows how the Yxy color 48.1765, 0.3310, 0.3303 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 48.1765, 0.3310, 0.3303 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

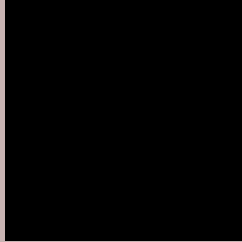
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 48.1765, 0.3310, 0.3303

Background



This preview shows how black text looks on a background with the Yxy color 48.1765, 0.3310, 0.3303.



This preview shows how white text looks on a background with the Yxy color 48.1765, 0.3310, 0.3303.

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

48.1765, 0.3310, 0.3303

Protanopia

48.4360, 0.3193, 0.3328

Deuteranopia

47.9328, 0.3349, 0.3278



Tritanopia

48.2031, 0.3222, 0.3119

Trichromacy



Original Color

48.1765, 0.3310, 0.3303

Protanomaly

48.4997, 0.3237, 0.3328

Deuteranomaly

48.1914, 0.3338, 0.3291

Tritanomaly

48.2456, 0.3253, 0.3192

Monochromacy



Original Color

48.1765, 0.3310, 0.3303

Achromatopsia

49.1021, 0.3127, 0.3290

Achromatomaly

48.7762, 0.3194, 0.3303

CSS Examples

Text

The CSS property to change the color of the text to Yxy 48.1765, 0.3310, 0.3303 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(200, 180, 179)` looks like.

```
.text, #text, p{  
    color:rgb(200, 180, 179)  
}
```

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(200, 180, 179) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(200, 180, 179) }
```

Border

The CSS property to change the border of an element to Yxy 48.1765, 0.3310, 0.3303 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(200, 180, 179) }
```

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

```
.border{ border-color:rgb(200, 180, 179) }
```

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

Here you see how a box with a 4 pixel `rgb(200, 180, 179)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(200, 180, 179); -webkit-box-  
shadow:4px 4px 4px 4px rgb(200, 180, 179);  
box-shadow:4px 4px 4px 4px rgb(200, 180,  
179) }
```


Background

The CSS property to change the background color of an element to Yxy 48.1765, 0.3310, 0.3303 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(200, 180, 179) }
```

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

```
.background{ background-color: rgb(200,  
180, 179) }
```

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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