

Converting Colors

$Yxy(48.5561, 0.3254, 0.3322)$

Have a look what the booklet for
Yxy(48.5561, 0.3254, 0.3322)
contains.

Yxy(48.7644, 0.3254, 0.3328)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(48.7644, 0.3254, 0.3328)

Conversions

Conversions Part 1

Format	Color
Hex	C3B7B4
RGB	195, 183, 180
RGB Percent	76%, 72%, 71%
CMY	0.2352, 0.2824, 0.2941
CMYK	0.00, 0.06, 0.08, 0.24
HSL	12°, 11%, 74%
HSV	12°, 8%, 76%
XYZ	47.6801, 48.7644, 50.0831
YIQ	186.2460, 8.1150, 1.6110

Conversions

Conversions Part 2

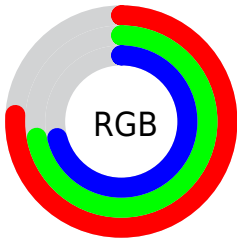
Format	Color
R_{YB}	195, 184, 180
Decimal	12826548
CIE Lab	75.30, 3.73, 3.04
CIE LCh	75, 4.811, 39.129
Yxy	48.7644, 0.3254, 0.3328
Android (android.graphics.Color)	4291016628 (0xFFC3B7B4)
YUV	186.2460, -3.0793, 7.6773
Hunter-Lab	69.8315, -0.3275, 6.3593

Details

The Yxy color **48.7644, 0.3254, 0.3328** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **51.3529, 0.3010, 0.3252**, and the grayscale version is **49.2642, 0.3127, 0.3290**.

A 20% lighter version of the original color is **88.4846, 0.3232, 0.3320**, and **23.1603, 0.3289, 0.3342** is the 20% darker color. If you saturate the color by 10%, you get **41.9396, 0.3449, 0.3381**, and if you desaturate by 10%, it is **56.4197, 0.3093, 0.3279**.

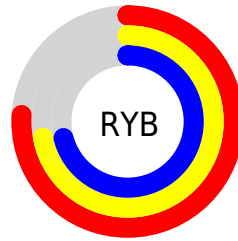
Distribution



Red (76%)

Green (72%)

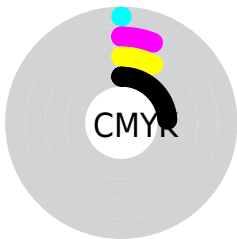
Blue (71%)



Red (76%)

Yellow (72%)

Blue (71%)

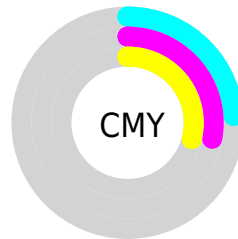


Cyan (0%)

Magenta (6%)

Yellow (8%)

Black (24%)



Cyan (24%)


Magenta (28%)

Yellow (29%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 48.7644, 0.3254, 0.3328 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 48.7644, 0.3254, 0.3328 by changing the saturation by 10% instead.

 48.7644, 0.3254,
0.3328

 48.7644, 0.3254,
0.3328


381.8141, 0.3191,
0.3310

 34.4326, 0.3270,
0.3332


 88.3414, 0.3231,
0.3321

 23.2262, 0.3290,
0.3338


114.3555, 0.3223,
0.3319

 14.7606, 0.3317,
0.3346


145.0324, 0.3215,
0.3317

 8.6515, 0.3354,
0.3356

180.7566, 0.3209,
0.3315

 4.5146, 0.3409,
0.3370

221.9125, 0.3204,
0.3313

 1.9654, 0.3501,
0.3394

268.8844, 0.3199,

 0.5872, 0.3903,

0.3312

0.3530

322.0568, 0.3195,
0.3311

0.0000, 0.0000,
0.0000

48.7644, 0.3254,
0.3328

48.7644, 0.3254,
0.3328

41.9396, 0.3449,
0.3381

56.4197, 0.3093,
0.3279

35.9110, 0.3684,
0.3436

64.9255, 0.2959,
0.3234

30.6514, 0.3966,
0.3491

74.3095, 0.2848,
0.3193

26.1294, 0.4296,
0.3542

84.4001, 0.2770,
0.3188

22.3117, 0.4673,
0.3583

90.3437, 0.2778,
0.3289

■ 19.1622, 0.5081,
0.3606

■ 16.6417, 0.5490,
0.3599

■ 14.7064, 0.5854,
0.3559

■ 13.3047, 0.6128,
0.3488

Harmonies

Analogous

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



48.7644, 0.3222, 0.3270



48.7644, 0.3254, 0.3328



48.7644, 0.3252, 0.3377

Triad

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



48.7644, 0.3254, 0.3328



48.7644, 0.3090, 0.3365



48.7644, 0.3038, 0.3178

Complementary

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



48.7644, 0.3254, 0.3328



51.3529, 0.3010, 0.3252

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.



48.7644, 0.3004, 0.3202



48.7644, 0.3254, 0.3328



48.7644, 0.3033, 0.3310

Square

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



48.7644, 0.3254, 0.3328



48.7644, 0.3157, 0.3399



48.7644, 0.3002, 0.3250



48.7644, 0.3097, 0.3184

Rectangle

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



48.7644, 0.3254, 0.3328



48.7644, 0.3231, 0.3398



48.7644, 0.3002, 0.3250



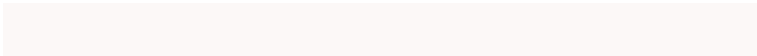
48.7644, 0.3024, 0.3183

Sweetspot

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



48.7665, 0.3254, 0.3328



94.9057, 0.3159, 0.3300



48.0669, 0.3158, 0.3138



20.8135, 0.3157, 0.3299



0.0000, 0.0000, 0.0000



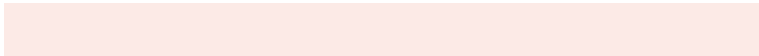
21.4041, 0.3127, 0.3290

Same Dimension

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



48.7665, 0.3254, 0.3328



85.4718, 0.3280, 0.3335



51.8394, 0.3245, 0.3418



10.3960, 0.3284, 0.3337



8.5759, 0.6162, 0.3489



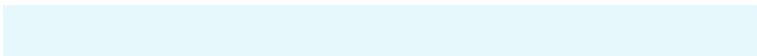
0.4693, 0.5738, 0.3826

Inverse Universe

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



51.3529, 0.3010, 0.3252



90.9199, 0.2988, 0.3244



48.2423, 0.3010, 0.3158



11.0761, 0.2984, 0.3243



18.1589, 0.2068, 0.2644



0.8735, 0.2112, 0.2804

Previews

White Background



This preview shows how the Yxy color 48.7644, 0.3254, 0.3328 looks on a white background.

Color Contrast Check

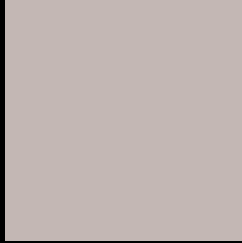
Large Text (above 18pt) WCAG AA × Fail

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 48.7644, 0.3254, 0.3328 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

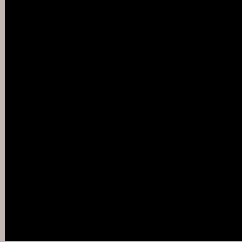
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

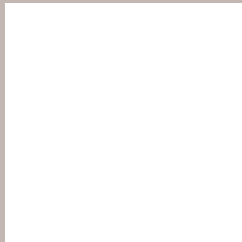
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 48.7644, 0.3254, 0.3328

Background



This preview shows how black text looks on a background with the Yxy color 48.7644, 0.3254, 0.3328.



This preview shows how white text looks on a background with the Yxy color 48.7644, 0.3254, 0.3328.

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

48.7644, 0.3254, 0.3328

Protanopia

48.9813, 0.3201, 0.3341

Deuteranopia

48.5555, 0.3339, 0.3266



Tritanopia

48.8582, 0.3152, 0.3118

Trichromacy



Original Color

48.7644, 0.3254, 0.3328

Protanomaly

48.8236, 0.3219, 0.3328

Deuteranomaly

48.3962, 0.3302, 0.3278

Tritanomaly

48.9094, 0.3183, 0.3191

Monochromacy



Original Color

48.7644, 0.3254, 0.3328

Achromatopsia

49.1021, 0.3127, 0.3290

Achromatomaly

48.9774, 0.3169, 0.3303

CSS Examples

Text

The CSS property to change the color of the text to Yxy 48.7644, 0.3254, 0.3328 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(195, 183, 180)` looks like.

```
.text, #text, p{  
    color:rgb(195, 183, 180)  
}
```

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(195, 183, 180) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(195, 183, 180) }
```

Border

The CSS property to change the border of an element to Yxy 48.7644, 0.3254, 0.3328 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(195, 183, 180) }
```

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

```
.border{ border-color:rgb(195, 183, 180) }
```

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

Here you see how a box with a 4 pixel `rgb(195, 183, 180)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(195, 183, 180); -webkit-box-  
shadow:4px 4px 4px 4px rgb(195, 183, 180);  
box-shadow:4px 4px 4px 4px rgb(195, 183,  
180) }
```


Background

The CSS property to change the background color of an element to Yxy 48.7644, 0.3254, 0.3328 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(195, 183, 180) }
```

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

```
.background{ background-color: rgb(195,  
183, 180) }
```

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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