

Converting Colors

Yxy(51.6894, 0.3243, 0.3346)

Have a look what the booklet for
Yxy(51.6894, 0.3243, 0.3346)
contains.

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Color

Yxy(51.8617, 0.3241, 0.3352)

Conversions

Conversions Part 1

Format	Color
Hex	C6BDB8
RGB	198, 189, 184
RGB Percent	78%, 74%, 72%
CMY	0.2234, 0.2588, 0.2784
CMYK	0.00, 0.05, 0.07, 0.22
HSL	21°, 11%, 75%
HSV	21°, 7%, 78%
XYZ	50.1443, 51.8617, 52.7127
YIQ	191.1210, 6.9690, 0.3530

Conversions

Conversions Part 2

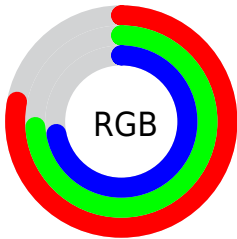
Format	Color
R _Y B	198, 192, 184
Decimal	13024696
CIE Lab	77.20, 2.30, 3.64
CIE LCh	77, 4.309, 57.751
Yxy	51.8617, 0.3241, 0.3352
Android (android.graphics.Color)	4291214776 (0xFFC6BDB8)
YUV	191.1210, -3.5107, 6.0329
Hunter-Lab	72.0151, -1.7362, 7.0122

Details

The Yxy color $51.8617, 0.3241, 0.3352$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $52.4254, 0.3019, 0.3227$, and the grayscale version is $52.1953, 0.3127, 0.3290$.

A 20% lighter version of the original color is $92.8561, 0.3222, 0.3339$, and $25.1763, 0.3270, 0.3374$ is the 20% darker color. If you saturate the color by 10%, you get $45.8432, 0.3425, 0.3444$, and if you desaturate by 10%, it is $58.4835, 0.3084, 0.3265$.

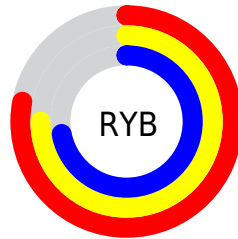
Distribution



Red (78%)

Green (74%)

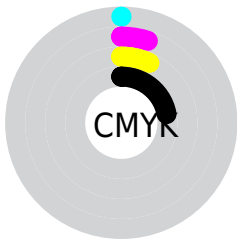
Blue (72%)



Red (78%)

Yellow (75%)

Blue (72%)

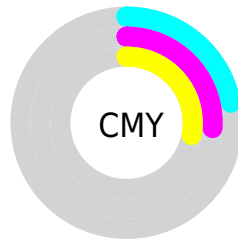


Cyan (0%)

Magenta (5%)

Yellow (7%)

Black (22%)



Cyan (22%)


Magenta (26%)


Yellow (28%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 51.8617, 0.3241, 0.3352 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 51.8617, 0.3241, 0.3352 by changing the saturation by 10% instead.


 51.8617, 0.3241,
0.3352

 51.8617, 0.3241,
0.3352


393.9025, 0.3185,
0.3322

 36.8948, 0.3255,
0.3359


 92.9272, 0.3221,
0.3341

 25.1261, 0.3272,
0.3369


119.7947, 0.3213,
0.3337

 16.1710, 0.3295,
0.3381


151.3979, 0.3207,
0.3334

 9.6453, 0.3327,
0.3397

188.1211, 0.3201,
0.3331

 5.1644, 0.3374,
0.3421

230.3488, 0.3196,
0.3328

 2.3440, 0.3449,
0.3459

278.4653, 0.3192,

 0.7969, 0.3659,

0.3326

0.3584

332.8551, 0.3188,
0.3324

0.0000, 0.0000,
0.0000

51.8617, 0.3241,
0.3352

51.8617, 0.3241,
0.3352

45.8432, 0.3425,
0.3444

58.4835, 0.3084,
0.3265

40.4040, 0.3641,
0.3541

65.7183, 0.2951,
0.3185

35.5283, 0.3891,
0.3639

73.5841, 0.2837,
0.3112

31.1974, 0.4177,
0.3731

81.5558, 0.2783,
0.3130

27.3908, 0.4494,
0.3811

89.3310, 0.2793,
0.3266

■ 24.0873, 0.4833,
0.3867

■ 90.7505, 0.2795,
0.3289

■ 21.2636, 0.5175,
0.3887

■ 18.8941, 0.5491,
0.3859

■ 16.9492, 0.5755,
0.3782

Harmonies

Analogous

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



51.8617, 0.3231, 0.3304



51.8617, 0.3241, 0.3352



51.8617, 0.3220, 0.3384

Triad

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



51.8617, 0.3241, 0.3352



51.8617, 0.3062, 0.3327



51.8617, 0.3079, 0.3192

Complementary

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



51.8617, 0.3241, 0.3352



52.4254, 0.3019, 0.3227

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.



51.8617, 0.3035, 0.3197



51.8617, 0.3241, 0.3352



51.8617, 0.3025, 0.3275

Square

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



51.8617, 0.3241, 0.3352



51.8617, 0.3116, 0.3370



51.8617, 0.3015, 0.3227



51.8617, 0.3137, 0.3213

Rectangle

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



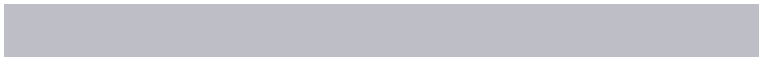
51.8617, 0.3241, 0.3352



51.8617, 0.3192, 0.3391



51.8617, 0.3015, 0.3227



51.8617, 0.3062, 0.3191

Sweetspot

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



51.8640, 0.3241, 0.3352



97.5982, 0.3158, 0.3307



50.1461, 0.3174, 0.3178



20.9153, 0.3157, 0.3307



0.0000, 0.0000, 0.0000



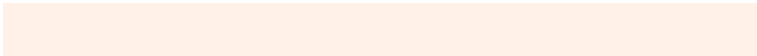
21.4041, 0.3127, 0.3290

Same Dimension

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



51.8640, 0.3241, 0.3352



89.5389, 0.3276, 0.3371



54.9190, 0.3233, 0.3436



11.2445, 0.3281, 0.3373



10.8437, 0.5802, 0.3775



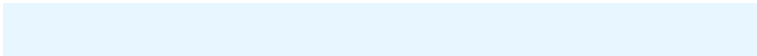
0.6502, 0.5400, 0.4095

Inverse Universe

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



52.4254, 0.3019, 0.3227



90.8017, 0.2987, 0.3208



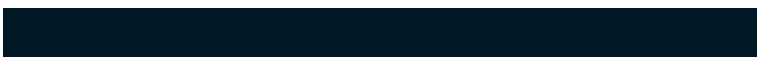
49.4301, 0.3020, 0.3139



11.4077, 0.2984, 0.3206



12.7753, 0.1915, 0.2092



0.7380, 0.1992, 0.2371

Previews

White Background



This preview shows how the Yxy color 51.8617, 0.3241, 0.3352 looks on a white background.

Color Contrast Check

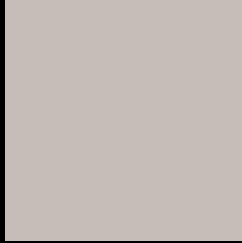
Large Text (above 18pt) WCAG AA × Fail

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 51.8617, 0.3241, 0.3352 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

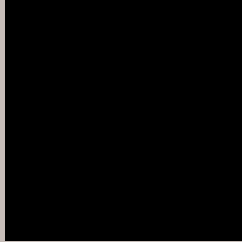
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

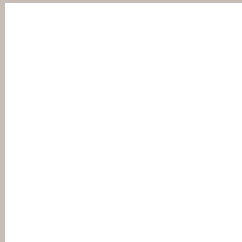
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 51.8617, 0.3241, 0.3352

Background



This preview shows how black text looks on a background with the Yxy color 51.8617, 0.3241, 0.3352.



This preview shows how white text looks on a background with the Yxy color 51.8617, 0.3241, 0.3352.

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

51.8617, 0.3241, 0.3352

Protanopia

51.8897, 0.3214, 0.3365

Deuteranopia

51.6326, 0.3350, 0.3279



Tritanopia

51.6142, 0.3127, 0.3109

Trichromacy



Original Color

51.8617, 0.3241, 0.3352

Protanomaly

52.0234, 0.3223, 0.3365

Deuteranomaly

51.7424, 0.3304, 0.3303

Tritanomaly

51.6229, 0.3165, 0.3193

Monochromacy



Original Color

51.8617, 0.3241, 0.3352

Achromatopsia

52.0996, 0.3127, 0.3290

Achromatomaly

51.9271, 0.3175, 0.3315

CSS Examples

Text

The CSS property to change the color of the text to Yxy 51.8617, 0.3241, 0.3352 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(198, 189, 184)` looks like.

```
.text, #text, p{  
    color:rgb(198, 189, 184)  
}
```

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(198, 189, 184) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 189, 184) }
```

Border

The CSS property to change the border of an element to Yxy 51.8617, 0.3241, 0.3352 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(198, 189, 184) }
```

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

```
.border{ border-color:rgb(198, 189, 184) }
```

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

Here you see how a box with a 4 pixel `rgb(198, 189, 184)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(198, 189, 184); -webkit-box-  
shadow:4px 4px 4px 4px rgb(198, 189, 184);  
box-shadow:4px 4px 4px 4px rgb(198, 189,  
184) }
```


Background

The CSS property to change the background color of an element to Yxy 51.8617, 0.3241, 0.3352 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(198, 189, 184) }
```

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

```
.background{ background-color: rgb(198,  
189, 184) }
```

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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