

Converting Colors

$Yxy(50.0382, 0.3315, 0.3384)$

Have a look what the booklet for
Yxy(50.0382, 0.3315, 0.3384)
contains.

Yxy(50.1516, 0.3319, 0.3390)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(50.1516, 0.3319, 0.3390)

Conversions

Conversions Part 1

Format	Color
Hex	C8B9B1
RGB	200, 185, 177
RGB Percent	78%, 73%, 69%
CMY	0.2157, 0.2745, 0.3059
CMYK	0.00, 0.07, 0.11, 0.22
HSL	21°, 17%, 74%
HSV	21°, 11%, 78%
XYZ	49.1012, 50.1516, 48.6870
YIQ	188.5730, 11.5080, 0.6920

Conversions

Conversions Part 2

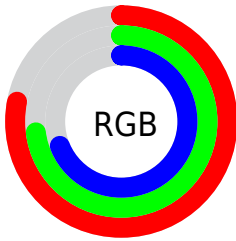
Format	Color
R _Y B	200, 189, 177
Decimal	13154737
CIE Lab	76.16, 3.94, 5.96
CIE LCh	76, 7.149, 56.523
Yxy	50.1516, 0.3319, 0.3390
Android (android.graphics.Color)	4291344817 (0xFFC8B9B1)
YUV	188.5730, -5.7055, 10.0215
Hunter-Lab	70.8178, -0.1689, 8.8108

Details

The Yxy color **50.1516, 0.3319, 0.3390** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **51.2059, 0.2951, 0.3188**, and the grayscale version is **50.6609, 0.3127, 0.3290**.

A 20% lighter version of the original color is **90.0538, 0.3270, 0.3369**, and **24.0688, 0.3379, 0.3425** is the 20% darker color. If you saturate the color by 10%, you get **44.2091, 0.3517, 0.3483**, and if you desaturate by 10%, it is **56.7151, 0.3150, 0.3303**.

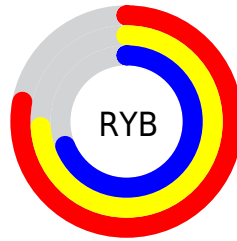
Distribution



Red (78%)

Green (73%)

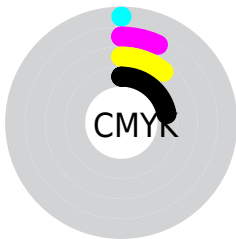
Blue (69%)



Red (78%)

Yellow (74%)

Blue (69%)

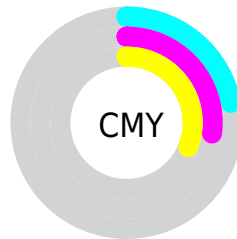


Cyan (0%)

Magenta (7%)

Yellow (11%)

Black (22%)



Cyan (22%)


Magenta (27%)


Yellow (31%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 50.1516, 0.3319, 0.3390 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 50.1516, 0.3319, 0.3390 by changing the saturation by 10% instead.


 50.1516, 0.3319,
0.3390

 50.1516, 0.3319,
0.3390


387.2585, 0.3224,
0.3341

 35.5339, 0.3343,
0.3402


 90.3995, 0.3285,
0.3373

 24.0744, 0.3373,
0.3417


116.7984, 0.3272,
0.3366

 15.3888, 0.3412,
0.3436


147.8931, 0.3261,
0.3360

 9.0927, 0.3468,
0.3463

184.0681, 0.3251,
0.3355

 4.8017, 0.3549,
0.3501

225.7078, 0.3243,
0.3351

 2.1314, 0.3682,
0.3561

273.1965, 0.3236,

 0.6822, 0.4248,

0.3348

0.3892

326.9186, 0.3230,
0.3344

0.0000, 0.0000,
0.0000

50.1516, 0.3319,
0.3390

50.1516, 0.3319,
0.3390

44.2091, 0.3517,
0.3483

56.7151, 0.3150,
0.3303

38.8625, 0.3749,
0.3578

63.9106, 0.3007,
0.3221

34.0946, 0.4017,
0.3673

71.7572, 0.2885,
0.3147

29.8851, 0.4320,
0.3759

80.1418, 0.2791,
0.3099

26.2122, 0.4652,
0.3828

87.9691, 0.2801,
0.3238

■ 23.0524, 0.4999,
0.3868

■ 91.0175, 0.2805,
0.3289

■ 20.3805, 0.5337,
0.3866

■ 18.1682, 0.5635,
0.3814

■ 16.6182, 0.5847,
0.3739

Harmonies

Analogous

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



50.1516, 0.3300, 0.3309



50.1516, 0.3319, 0.3390



50.1516, 0.3286, 0.3446

Triad

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



50.1516, 0.3319, 0.3390



50.1516, 0.3021, 0.3356



50.1516, 0.3043, 0.3126

Complementary

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



50.1516, 0.3319, 0.3390



51.2059, 0.2951, 0.3188

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.



50.1516, 0.2970, 0.3135



50.1516, 0.3319, 0.3390



50.1516, 0.2957, 0.3267

Square

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



50.1516, 0.3319, 0.3390



50.1516, 0.3113, 0.3427



50.1516, 0.2939, 0.3186



50.1516, 0.3140, 0.3159

Rectangle

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



50.1516, 0.3319, 0.3390



50.1516, 0.3239, 0.3460



50.1516, 0.2939, 0.3186



50.1516, 0.3015, 0.3124

Sweetspot

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



50.1538, 0.3319, 0.3390



96.3779, 0.3174, 0.3316



47.5422, 0.3203, 0.3102



20.4253, 0.3188, 0.3323



0.0000, 0.0000, 0.0000



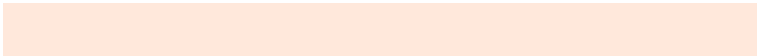
21.4041, 0.3127, 0.3290

Same Dimension

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



50.1538, 0.3319, 0.3390



83.9568, 0.3370, 0.3415



55.0017, 0.3302, 0.3525



11.2313, 0.3281, 0.3371



10.7206, 0.5822, 0.3759



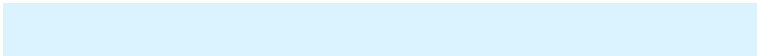
0.6434, 0.5417, 0.4081

Inverse Universe

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



51.2059, 0.2951, 0.3188



86.1652, 0.2909, 0.3162



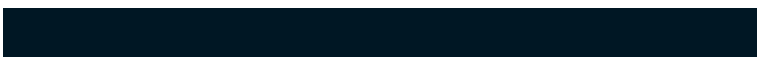
46.4960, 0.2948, 0.3043



11.4214, 0.2984, 0.3208



13.0288, 0.1922, 0.2119



0.7488, 0.1998, 0.2391

Previews

White Background



This preview shows how the Yxy color 50.1516, 0.3319, 0.3390 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 50.1516, 0.3319, 0.3390 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

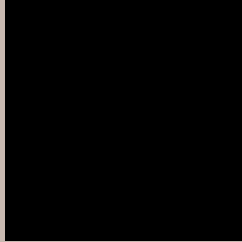
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

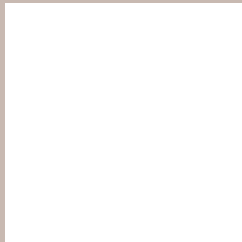
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 50.1516, 0.3319, 0.3390

Background



This preview shows how black text looks on a background with the Yxy color 50.1516, 0.3319, 0.3390.



This preview shows how white text looks on a background with the Yxy color 50.1516, 0.3319, 0.3390.

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

50.1516, 0.3319, 0.3390

Protanopia

50.0925, 0.3248, 0.3404

Deuteranopia

49.9637, 0.3405, 0.3327



Tritanopia

50.1379, 0.3194, 0.3121

Trichromacy



Original Color

50.1516, 0.3319, 0.3390

Protanomaly

50.0679, 0.3275, 0.3391

Deuteranomaly

49.7921, 0.3368, 0.3340

Tritanomaly

50.0977, 0.3241, 0.3217

Monochromacy



Original Color

50.1516, 0.3319, 0.3390

Achromatopsia

50.8881, 0.3127, 0.3290

Achromatomaly

50.8067, 0.3192, 0.3328

CSS Examples

Text

The CSS property to change the color of the text to Yxy 50.1516, 0.3319, 0.3390 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, 185, 177)` looks like.

```
.text, #text, p{  
    color:rgb(200, 185, 177)  
}
```

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, 185, 177) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(200, 185, 177) }
```

Border

The CSS property to change the border of an element to Yxy 50.1516, 0.3319, 0.3390 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, 185, 177) }
```

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

```
.border{ border-color:rgb(200, 185, 177) }
```

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

Here you see how a box with a 4 pixel `rgb(200, 185, 177)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(200, 185, 177); -webkit-box-shadow:4px 4px 4px 4px rgb(200, 185, 177); box-shadow:4px 4px 4px 4px rgb(200, 185, 177) }
```


Background

The CSS property to change the background color of an element to Yxy 50.1516, 0.3319, 0.3390 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(200, 185, 177) }
```

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

```
.background{ background-color: rgb(200,  
185, 177) }
```

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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