

Converting Colors

$Y_{xy}(50.2975, 0.3300, 0.3474)$

Have a look what the booklet for
Yxy(50.2975, 0.3300, 0.3474)
contains.

Yxy(50.4529, 0.3295, 0.3480)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(50.4529, 0.3295, 0.3480)

Conversions

Conversions Part 1

Format	Color
Hex	C2BCAD
RGB	194, 188, 173
RGB Percent	76%, 74%, 68%
CMY	0.2393, 0.2627, 0.3216
CMYK	0.00, 0.03, 0.11, 0.24
HSL	43°, 15%, 72%
HSV	43°, 11%, 76%
XYZ	47.7708, 50.4529, 46.7559
YIQ	188.0840, 8.3910, -3.3930

Conversions

Conversions Part 2

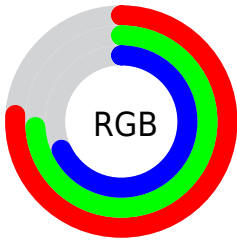
Format	Color
RYB	181, 194, 173
Decimal	12762285
CIELab	76.35, -0.51, 8.33
CIELCh	76, 8.345, 93.487
Yxy	50.4529, 0.3295, 0.3480
Android (android.graphics.Color)	4290952365 (0xFFC2BCAD)
YUV	188.0840, -7.4364, 5.1883
Hunter-Lab	71.0302, -4.2542, 10.6933

Details

The Yxy color **50.4529, 0.3295, 0.3480** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **45.0086, 0.2960, 0.3093**, and the grayscale version is **50.3790, 0.3127, 0.3290**.

A 20% lighter version of the original color is **90.8120, 0.3271, 0.3449**, and **24.2839, 0.3334, 0.3531** is the 20% darker color. If you saturate the color by 10%, you get **47.4433, 0.3465, 0.3663**, and if you desaturate by 10%, it is **53.6663, 0.3139, 0.3304**.

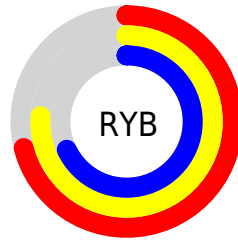
Distribution



Red (76%)

Green (74%)

Blue (68%)



Red (71%)

Yellow (76%)

Blue (68%)

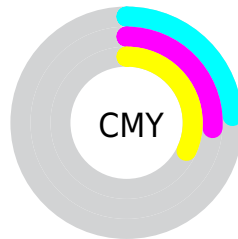


Cyan (0%)

Magenta (3%)

Yellow (11%)

Black (24%)



Cyan (24%)


Magenta (26%)


Yellow (32%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 50.4529, 0.3295, 0.3480 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 50.4529, 0.3295, 0.3480 by changing the saturation by 10% instead.


 50.4529, 0.3295,
0.3480

 50.4529, 0.3295,
0.3480


388.4344, 0.3212,
0.3386

 35.7734, 0.3315,
0.3503


 90.8456, 0.3265,
0.3446

 24.2592, 0.3341,
0.3533


117.3275, 0.3254,
0.3433

 15.5260, 0.3375,
0.3572


148.5123, 0.3244,
0.3423

 9.1894, 0.3423,
0.3625

184.7845, 0.3236,
0.3413

 4.8649, 0.3491,
0.3704

226.5284, 0.3229,
0.3405

 2.1682, 0.3602,
0.3831

274.1285, 0.3223,

 0.7026, 0.4254,

0.3398

0.4560

327.9690, 0.3217,
0.3392

0.0000, 0.0000,
0.0000

50.4529, 0.3295,
0.3480

50.4529, 0.3295,
0.3480

47.4433, 0.3465,
0.3663

53.6663, 0.3139,
0.3304

44.6250, 0.3647,
0.3850

57.0822, 0.2998,
0.3138

41.9944, 0.3839,
0.4033

60.7079, 0.2871,
0.2983

39.5450, 0.4035,
0.4205

64.5483, 0.2757,
0.2840

37.2697, 0.4228,
0.4355

67.6044, 0.2737,
0.2857

■ 35.1609, 0.4411,
0.4473

■ 70.4751, 0.2742,
0.2920

■ 33.2099, 0.4572,
0.4548

■ 73.4417, 0.2747,
0.2981

■ 31.4066, 0.4706,
0.4576

■ 76.5051, 0.2752,
0.3043

■ 29.8638, 0.4807,
0.4565

■ 79.6663, 0.2757,
0.3103

Harmonies

Analogous

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



50.4529, 0.3347, 0.3425



50.4529, 0.3295, 0.3480



50.4529, 0.3198, 0.3484

Triad

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



50.4529, 0.3295, 0.3480



50.4529, 0.2920, 0.3239



50.4529, 0.3168, 0.3153

Complementary

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



50.4529, 0.3295, 0.3480



45.0086, 0.2960, 0.3093

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.



50.4529, 0.3054, 0.3104



50.4529, 0.3295, 0.3480



50.4529, 0.2912, 0.3151

Square

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



50.4529, 0.3295, 0.3480



50.4529, 0.2982, 0.3343



50.4529, 0.2960, 0.3103



50.4529, 0.3273, 0.3236

Rectangle

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



50.4529, 0.3295, 0.3480



50.4529, 0.3122, 0.3456



50.4529, 0.2960, 0.3103



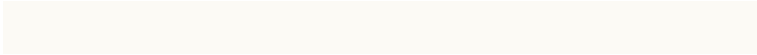
50.4529, 0.3130, 0.3132

Sweetspot

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



50.4551, 0.3295, 0.3480



95.9187, 0.3173, 0.3342



44.6215, 0.3263, 0.3210



20.8996, 0.3185, 0.3357



0.0000, 0.0000, 0.0000



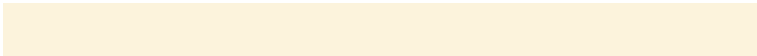
21.4041, 0.3127, 0.3290

Same Dimension

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



50.4551, 0.3295, 0.3480



90.0931, 0.3334, 0.3523



52.5128, 0.3251, 0.3556



11.2581, 0.3272, 0.3454



19.7837, 0.4797, 0.4573



0.9673, 0.4633, 0.4704

Inverse Universe

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



45.0086, 0.2960, 0.3093



78.2391, 0.2922, 0.3045



43.1525, 0.2995, 0.3015



10.2046, 0.2984, 0.3121



4.4939, 0.1605, 0.0979



0.3155, 0.1734, 0.1444

Previews

White Background



This preview shows how the Yxy color 50.4529, 0.3295, 0.3480 looks on a white background.

Color Contrast Check

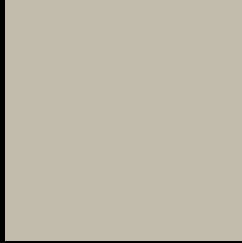
Large Text (above 18pt) WCAG AA × Fail

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 50.4529, 0.3295, 0.3480 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

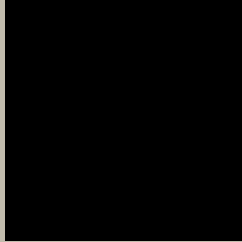
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 50.4529, 0.3295, 0.3480

Background



This preview shows how black text looks on a background with the Yxy color 50.4529, 0.3295, 0.3480.



This preview shows how white text looks on a background with the Yxy color 50.4529, 0.3295, 0.3480.

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

50.4529, 0.3295, 0.3480

Protanopia

50.5857, 0.3304, 0.3479

Deuteranopia

50.5089, 0.3455, 0.3387



Tritanopia

50.4103, 0.3127, 0.3107

Trichromacy



Original Color

50.4529, 0.3295, 0.3480

Protanomaly

50.5857, 0.3304, 0.3479

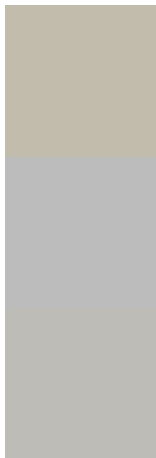
Deuteranomaly

50.3161, 0.3389, 0.3414

Tritanomaly

50.2859, 0.3189, 0.3228

Monochromacy



Original Color

50.4529, 0.3295, 0.3480

Achromatopsia

50.2886, 0.3127, 0.3290

Achromatomaly

50.3325, 0.3182, 0.3353

CSS Examples

Text

The CSS property to change the color of the text to Yxy 50.4529, 0.3295, 0.3480 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(194, 188, 173)` looks like.

```
.text, #text, p{  
    color:rgb(194, 188, 173)  
}
```

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(194, 188, 173) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 188, 173) }
```

Border

The CSS property to change the border of an element to Yxy 50.4529, 0.3295, 0.3480 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(194, 188, 173) }
```

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

```
.border{ border-color:rgb(194, 188, 173) }
```

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

Here you see how a box with a 4 pixel `rgb(194, 188, 173)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(194, 188, 173); -webkit-box-shadow:4px 4px 4px 4px rgb(194, 188, 173); box-shadow:4px 4px 4px 4px rgb(194, 188, 173) }
```


Background

The CSS property to change the background color of an element to Yxy 50.4529, 0.3295, 0.3480 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 188, 173) }
```

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

```
.background{ background-color: rgb(194,  
188, 173) }
```

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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