

Converting Colors

Yxy(50.6481, 0.3298, 0.3570)

Have a look what the booklet for
Yxy(50.6481, 0.3298, 0.3570)
contains.

Yxy(50.6012, 0.3298, 0.3572)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(50.6012, 0.3298, 0.3572)

Conversions

Conversions Part 1

Format	Color
Hex	BEBEA8
RGB	190, 190, 168
RGB Percent	75%, 75%, 66%
CMY	0.2548, 0.2549, 0.3413
CMYK	0.00, 0.00, 0.12, 0.25
HSL	60°, 15%, 70%
HSV	60°, 12%, 75%
XYZ	46.7197, 50.6012, 44.3398
YIQ	187.4920, 7.0620, -6.8420

Conversions

Conversions Part 2

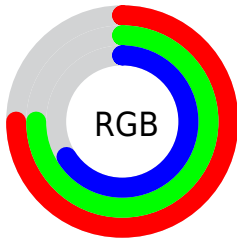
Format	Color
R_{YB}	168, 190, 168
Decimal	12500648
CIE _{Lab}	76.44, -3.83, 11.13
CIE _{LCh}	76, 11.773, 109.008
Yxy	50.6012, 0.3298, 0.3572
Android (android.graphics.Color)	4290690728 (0xFFBEBEA8)
YUV	187.4920, -9.6096, 2.1995
Hunter-Lab	71.1345, -7.2503, 12.8373

Details

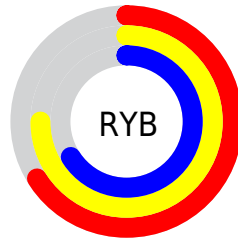
The Yxy color **50.6012, 0.3298, 0.3572** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **40.0495, 0.2946, 0.2992**, and the grayscale version is **50.0411, 0.3127, 0.3290**.

A 20% lighter version of the original color is **90.8321, 0.3267, 0.3520**, and **24.4706, 0.3348, 0.3655** is the 20% darker color. If you saturate the color by 10%, you get **49.9359, 0.3449, 0.3821**, and if you desaturate by 10%, it is **51.3744, 0.3150, 0.3328**.

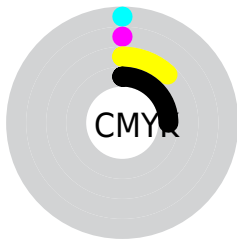
Distribution



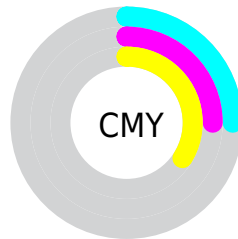
- Red (75%)
- Green (75%)
- Blue (66%)



- Red (66%)
- Yellow (75%)
- Blue (66%)



- Cyan (0%)
- Magenta (0%)
- Yellow (12%)
- Black (25%)



- Cyan (25%)
- Magenta (25%)
- Yellow (34%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 50.6012, 0.3298, 0.3572 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 50.6012, 0.3298, 0.3572 by changing the saturation by 10% instead.


 50.6012, 0.3298,
0.3572

 50.6012, 0.3298,
0.3572


389.0124, 0.3214,
0.3432

 35.8913, 0.3318,
0.3607


 91.0650, 0.3268,
0.3521

 24.3503, 0.3344,
0.3651


 117.5877, 0.3257,
0.3502

 15.5937, 0.3378,
0.3710


148.8169, 0.3247,
0.3486

 9.2371, 0.3424,
0.3792

185.1368, 0.3239,
0.3472

 4.8961, 0.3490,
0.3913

226.9319, 0.3231,
0.3460

 2.1865, 0.3593,
0.4109

274.5866, 0.3225,

 0.7126, 0.4503,

0.3449

0.5497

328.4853, 0.3219,
0.3440

0.0000, 0.0000,
0.0000

50.6012, 0.3298,
0.3572

50.6012, 0.3298,
0.3572

49.9359, 0.3449,
0.3821

51.3744, 0.3150,
0.3328

49.3674, 0.3598,
0.4067

52.2532, 0.3009,
0.3095

48.8931, 0.3741,
0.4303

53.2436, 0.2876,
0.2875

48.5079, 0.3871,
0.4518

54.3494, 0.2752,
0.2671

48.2060, 0.3984,
0.4704

55.0486, 0.2686,
0.2561

■ 47.9811, 0.4074,
0.4852

■ 55.0590, 0.2686,
0.2561

■ 47.8259, 0.4139,
0.4958

■ 55.0693, 0.2686,
0.2561

■ 47.7318, 0.4178,
0.5022

■ 55.0796, 0.2686,
0.2562

■ 47.6858, 0.4195,
0.5051

■ 55.0900, 0.2686,
0.2562

Harmonies

Analogous

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



50.6012, 0.3409, 0.3527



50.6012, 0.3298, 0.3572



50.6012, 0.3143, 0.3538

Triad

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



50.6012, 0.3298, 0.3572



50.6012, 0.2821, 0.3147



50.6012, 0.3266, 0.3153

Complementary

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



50.6012, 0.3298, 0.3572



40.0495, 0.2946, 0.2992

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.



50.6012, 0.3105, 0.3058



50.6012, 0.3298, 0.3572



50.6012, 0.2851, 0.3051

Square

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



50.6012, 0.3298, 0.3572



50.6012, 0.2870, 0.3287



50.6012, 0.2954, 0.3020



50.6012, 0.3391, 0.3285

Rectangle

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



50.6012, 0.3298, 0.3572



50.6012, 0.3036, 0.3474



50.6012, 0.2954, 0.3020



50.6012, 0.3214, 0.3116

Sweetspot

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



50.6034, 0.3298, 0.3572



92.8550, 0.3171, 0.3363



41.7885, 0.3329, 0.3286



20.3641, 0.3183, 0.3383



97.7402, 0.3127, 0.3290



20.4902, 0.3127, 0.3290

Same Dimension

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



50.6034, 0.3298, 0.3572



91.3370, 0.3337, 0.3637



49.2928, 0.3208, 0.3580



11.1184, 0.3264, 0.3516



31.6995, 0.4195, 0.5051



1.2424, 0.4195, 0.5051

Inverse Universe

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



40.0495, 0.2946, 0.2992



68.3115, 0.2902, 0.2918



41.2570, 0.3039, 0.2999



9.2273, 0.2984, 0.3053



2.4764, 0.1500, 0.0601



0.0977, 0.1501, 0.0605

Previews

White Background



This preview shows how the Yxy color 50.6012, 0.3298, 0.3572 looks on a white background.

Color Contrast Check

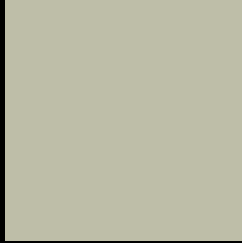
Large Text (above 18pt) WCAG AA × Fail

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 50.6012, 0.3298, 0.3572 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

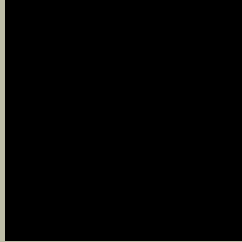
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

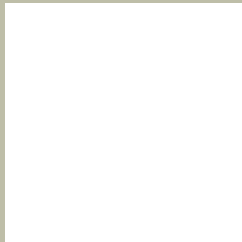
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 50.6012, 0.3298, 0.3572

Background



This preview shows how black text looks on a background with the Yxy color 50.6012, 0.3298, 0.3572.



This preview shows how white text looks on a background with the Yxy color 50.6012, 0.3298, 0.3572.

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

50.6012, 0.3298, 0.3572

Protanopia

50.6268, 0.3369, 0.3555

Deuteranopia

50.6543, 0.3507, 0.3435



Tritanopia

50.4702, 0.3094, 0.3106

Trichromacy



Original Color

50.6012, 0.3298, 0.3572

Protanomaly

50.6545, 0.3342, 0.3569

Deuteranomaly

50.5416, 0.3429, 0.3488

Tritanomaly

50.5089, 0.3169, 0.3278

Monochromacy



Original Color

50.6012, 0.3298, 0.3572

Achromatopsia

49.6933, 0.3127, 0.3290

Achromatomaly

49.9531, 0.3189, 0.3392

CSS Examples

Text

The CSS property to change the color of the text to Yxy 50.6012, 0.3298, 0.3572 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(190, 190, 168)` looks like.

```
.text, #text, p{  
    color:rgb(190, 190, 168)  
}
```

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(190, 190, 168) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(190, 190, 168) }
```

Border

The CSS property to change the border of an element to Yxy 50.6012, 0.3298, 0.3572 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(190, 190, 168) }
```

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

```
.border{ border-color:rgb(190, 190, 168) }
```

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

Here you see how a box with a 4 pixel rgb(190, 190, 168) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(190, 190, 168); -webkit-box-  
shadow:4px 4px 4px 4px rgb(190, 190, 168);  
box-shadow:4px 4px 4px 4px rgb(190, 190,  
168) }
```


Background

The CSS property to change the background color of an element to Yxy 50.6012, 0.3298, 0.3572 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(190, 190, 168) }
```

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

```
.background{ background-color: rgb(190,  
190, 168) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor