

Converting Colors

$Yxy(50.7871, 0.3290, 0.3545)$

Have a look what the booklet for
Yxy(50.7871, 0.3290, 0.3545)
contains.

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Color

Yxy(50.8056, 0.3290, 0.3545)

Conversions

Conversions Part 1

Format	Color
Hex	BFBEAA
RGB	191, 190, 170
RGB Percent	75%, 75%, 67%
CMY	0.2511, 0.2549, 0.3333
CMYK	0.00, 0.01, 0.11, 0.25
HSL	57°, 14%, 71%
HSV	57°, 11%, 75%
XYZ	47.1510, 50.8056, 45.3596
YIQ	188.0190, 7.0160, -6.0080

Conversions

Conversions Part 2

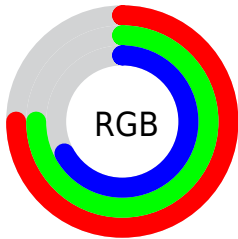
Format	Color
RYB	171, 191, 170
Decimal	12566186
CIELab	76.56, -3.16, 10.22
CIELCh	77, 10.694, 107.183
Yxy	50.8056, 0.3290, 0.3545
Android (android.graphics.Color)	4290756266 (0xFFBFBEAA)
YUV	188.0190, -8.8834, 2.6143
Hunter-Lab	71.2780, -6.6573, 12.1639

Details

The Yxy color **50.8056, 0.3290, 0.3545** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **41.4262, 0.2957, 0.3022**, and the grayscale version is **50.3489, 0.3127, 0.3290**.

A 20% lighter version of the original color is **91.1219, 0.3261, 0.3500**, and **24.6026, 0.3338, 0.3618** is the 20% darker color. If you saturate the color by 10%, you get **49.7584, 0.3444, 0.3784**, and if you desaturate by 10%, it is **51.9646, 0.3141, 0.3312**.

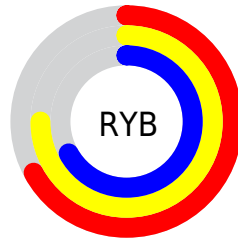
Distribution



Red (75%)

Green (75%)

Blue (67%)



Red (67%)

Yellow (75%)

Blue (67%)

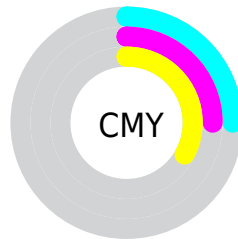


Cyan (0%)

Magenta (1%)

Yellow (11%)

Black (25%)



Cyan (25%)

Magenta (25%)

Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 50.8056, 0.3290, 0.3545 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 50.8056, 0.3290, 0.3545 by changing the saturation by 10% instead.

■ 50.8056, 0.3290,
0.3545

■ 50.8056, 0.3290,
0.3545

389.8080, 0.3210,
0.3418

■ 36.0539, 0.3309,
0.3576

■ 91.3674, 0.3261,
0.3499

■ 24.4758, 0.3334,
0.3616

117.9462, 0.3250,
0.3482

■ 15.6870, 0.3366,
0.3669

149.2363, 0.3241,
0.3467

■ 9.3029, 0.3411,
0.3743

185.6219, 0.3233,
0.3455

■ 4.9393, 0.3475,
0.3851

227.4875, 0.3226,
0.3444

■ 2.2117, 0.3574,
0.4026

275.2174, 0.3220,

■ 0.7264, 0.4330,

0.3434

0.5129

329.1962, 0.3215,
0.3426

0.0000, 0.0000,
0.0000

50.8056, 0.3290,
0.3545

50.8056, 0.3290,
0.3545

49.7584, 0.3444,
0.3784

51.9646, 0.3141,
0.3312

48.8117, 0.3598,
0.4022

53.2328, 0.3000,
0.3090

47.9629, 0.3749,
0.4251

54.6166, 0.2868,
0.2881

47.2068, 0.3889,
0.4462

56.1197, 0.2747,
0.2688

46.5377, 0.4014,
0.4645

57.0506, 0.2696,
0.2611

■ 45.9492, 0.4117,
0.4792

■ 57.4427, 0.2697,
0.2621

■ 45.4339, 0.4195,
0.4898

■ 57.8370, 0.2698,
0.2632

■ 44.9832, 0.4247,
0.4960

■ 58.2337, 0.2699,
0.2642

■ 44.6168, 0.4276,
0.4987

■ 58.6326, 0.2700,
0.2652

Harmonies

Analogous

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



50.8056, 0.3387, 0.3501



50.8056, 0.3290, 0.3545



50.8056, 0.3151, 0.3518

Triad

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



50.8056, 0.3290, 0.3545



50.8056, 0.2849, 0.3168



50.8056, 0.3245, 0.3159

Complementary

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



50.8056, 0.3290, 0.3545



41.4262, 0.2957, 0.3022

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.



50.8056, 0.3098, 0.3075



50.8056, 0.3290, 0.3545



50.8056, 0.2873, 0.3077

Square

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



50.8056, 0.3290, 0.3545



50.8056, 0.2898, 0.3296



50.8056, 0.2963, 0.3044



50.8056, 0.3361, 0.3278

Rectangle

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



50.8056, 0.3290, 0.3545



50.8056, 0.3053, 0.3463



50.8056, 0.2963, 0.3044



50.8056, 0.3197, 0.3126

Sweetspot

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



50.8078, 0.3290, 0.3545



92.6524, 0.3172, 0.3360



42.7717, 0.3311, 0.3277



20.3077, 0.3184, 0.3379



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.



50.8078, 0.3290, 0.3545



90.5899, 0.3324, 0.3598



50.0422, 0.3209, 0.3563



11.0435, 0.3265, 0.3507



29.3640, 0.4274, 0.4988



1.1735, 0.4253, 0.5005

Inverse Universe

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



41.4262, 0.2957, 0.3022



70.6689, 0.2920, 0.2962



42.1536, 0.3038, 0.3015



9.2937, 0.2984, 0.3064



2.6295, 0.1510, 0.0634



0.1273, 0.1546, 0.0765

Previews

White Background



This preview shows how the Yxy color 50.8056, 0.3290, 0.3545 looks on a white background.

Color Contrast Check

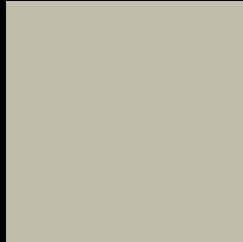
Large Text (above 18pt) WCAG AA × Fail

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 50.8056, 0.3290, 0.3545 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

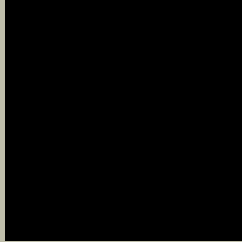
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 50.8056, 0.3290, 0.3545

Background



This preview shows how black text looks on a background with the Yxy color 50.8056, 0.3290, 0.3545.



This preview shows how white text looks on a background with the Yxy color 50.8056, 0.3290, 0.3545.

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

50.8056, 0.3290, 0.3545

Protanopia

50.7013, 0.3353, 0.3529

Deuteranopia

50.5806, 0.3481, 0.3411



Tritanopia

50.8900, 0.3094, 0.3119

Trichromacy



Original Color

50.8056, 0.3290, 0.3545

Protanomaly

50.8619, 0.3334, 0.3543

Deuteranomaly

50.6173, 0.3412, 0.3463

Tritanomaly

50.6841, 0.3170, 0.3265

Monochromacy



Original Color

50.8056, 0.3290, 0.3545

Achromatopsia

50.2886, 0.3127, 0.3290

Achromatomaly

50.5502, 0.3189, 0.3392

CSS Examples

Text

The CSS property to change the color of the text to Yxy 50.8056, 0.3290, 0.3545 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(191, 190, 170)` looks like.

```
.text, #text, p{  
    color:rgb(191, 190, 170)  
}
```

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(191, 190, 170) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(191, 190, 170) }
```

Border

The CSS property to change the border of an element to Yxy 50.8056, 0.3290, 0.3545 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(191, 190, 170) }
```

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

```
.border{ border-color:rgb(191, 190, 170) }
```

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

Here you see how a box with a 4 pixel `rgb(191, 190, 170)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(191, 190, 170); -webkit-box-  
shadow:4px 4px 4px 4px rgb(191, 190, 170);  
box-shadow:4px 4px 4px 4px rgb(191, 190,  
170) }
```


Background

The CSS property to change the background color of an element to Yxy 50.8056, 0.3290, 0.3545 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(191, 190, 170) }
```

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

```
.background{ background-color: rgb(191,  
190, 170) }
```

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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