

Converting Colors

$Y_{xy}(50.5076, 0.3267, 0.3634)$

Have a look what the booklet for
Yxy(50.5076, 0.3267, 0.3634)
contains.

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Color

Yxy(50.6062, 0.3267, 0.3641)

Conversions

Conversions Part 1

Format	Color
Hex	B8C0A5
RGB	184, 192, 165
RGB Percent	72%, 75%, 65%
CMY	0.2784, 0.2470, 0.3529
CMYK	0.04, 0.00, 0.14, 0.25
HSL	78°, 18%, 70%
HSV	78°, 14%, 75%
XYZ	45.4080, 50.6062, 42.9757
YIQ	186.5300, 3.8990, -10.0930

Conversions

Conversions Part 2

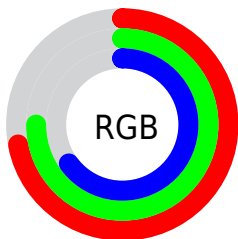
Format	Color
RYB	165, 192, 173
Decimal	12107941
CIELab	76.44, -7.58, 12.67
CIELCh	76, 14.764, 120.872
Yxy	50.6062, 0.3267, 0.3641
Android (android.graphics.Color)	4290298021 (0xFFB8C0A5)
YUV	186.5300, -10.6143, -2.2188
Hunter-Lab	71.1380, -10.5536, 13.9786

Details

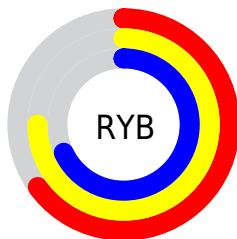
The Yxy color **50.6062, 0.3267, 0.3641** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **39.6059, 0.2974, 0.2929**, and the grayscale version is **49.4758, 0.3127, 0.3290**.

A 20% lighter version of the original color is **90.8274, 0.3243, 0.3574**, and **24.4828, 0.3305, 0.3751** is the 20% darker color. If you saturate the color by 10%, you get **49.2714, 0.3366, 0.3907**, and if you desaturate by 10%, it is **52.0787, 0.3167, 0.3388**.

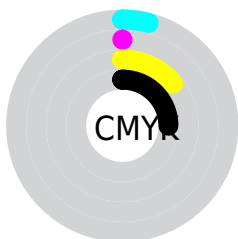
Distribution



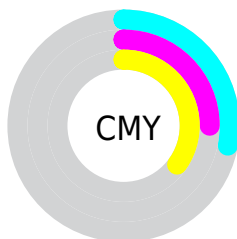
- Red (72%)
- Green (75%)
- Blue (65%)



- Red (65%)
- Yellow (75%)
- Blue (68%)



- Cyan (4%)
- Magenta (0%)
- Yellow (14%)
- Black (25%)




- Cyan (28%)
- Magenta (25%)
- Yellow (35%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 50.6062, 0.3267, 0.3641 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 50.6062, 0.3267, 0.3641 by changing the saturation by 10% instead.


 50.6062, 0.3267,
0.3641

 50.6062, 0.3267,
0.3641


389.0318, 0.3199,
0.3465

 35.8953, 0.3283,
0.3685


 91.0724, 0.3243,
0.3577

 24.3533, 0.3303,
0.3741


 117.5965, 0.3234,
0.3553

 15.5959, 0.3330,
0.3816


148.8271, 0.3226,
0.3533

 9.2387, 0.3365,
0.3921

185.1487, 0.3219,
0.3515

 4.8972, 0.3413,
0.4077

226.9455, 0.3213,
0.3500

 2.1871, 0.3484,
0.4333

274.6020, 0.3208,

 0.7129, 0.4087,

0.3487

0.5913

328.5027, 0.3204,
0.3476

0.0000, 0.0000,
0.0000

50.6062, 0.3267,
0.3641

50.6062, 0.3267,
0.3641

49.2714, 0.3366,
0.3907

52.0787, 0.3167,
0.3388

48.0627, 0.3461,
0.4180

53.6870, 0.3070,
0.3152

46.9770, 0.3548,
0.4451

55.4378, 0.2976,
0.2934

46.0085, 0.3621,
0.4711

57.3352, 0.2888,
0.2736

45.1508, 0.3675,
0.4947

58.9900, 0.2843,
0.2613

■ 44.3968, 0.3707,
0.5148

■ 59.8542, 0.2884,
0.2620

■ 43.7385, 0.3713,
0.5305

■ 60.7485, 0.2925,
0.2628

■ 43.1661, 0.3695,
0.5413

■ 61.6734, 0.2967,
0.2636

■ 42.8558, 0.3677,
0.5462

■ 62.6290, 0.3009,
0.2645

Harmonies

Analogous

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



50.6062, 0.3435, 0.3620



50.6062, 0.3267, 0.3641



50.6062, 0.3065, 0.3560

Triad

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



50.6062, 0.3267, 0.3641



50.6062, 0.2748, 0.3053



50.6062, 0.3371, 0.3180

Complementary

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



50.6062, 0.3267, 0.3641



39.6059, 0.2974, 0.2929

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.



50.6062, 0.3180, 0.3041



50.6062, 0.3267, 0.3641



50.6062, 0.2823, 0.2965

Square

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



50.6062, 0.3267, 0.3641



50.6062, 0.2770, 0.3211



50.6062, 0.2980, 0.2963



50.6062, 0.3498, 0.3350

Rectangle

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



50.6062, 0.3267, 0.3641



50.6062, 0.2939, 0.3458



50.6062, 0.2980, 0.2963



50.6062, 0.3312, 0.3129

Sweetspot

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



50.6084, 0.3267, 0.3641



94.3569, 0.3167, 0.3388



43.6803, 0.3369, 0.3390



20.1974, 0.3175, 0.3407



97.7402, 0.3127, 0.3290



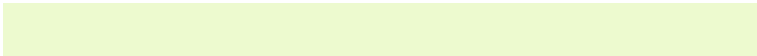
20.4902, 0.3127, 0.3290

Same Dimension

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



50.6084, 0.3267, 0.3641



90.8900, 0.3299, 0.3725



49.0606, 0.3158, 0.3653



11.6035, 0.3220, 0.3521



28.8774, 0.3684, 0.5457



1.2820, 0.3802, 0.5364

Inverse Universe

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



39.6059, 0.2974, 0.2929



66.9428, 0.2934, 0.2840



41.1783, 0.3090, 0.2942



9.8896, 0.3028, 0.3055



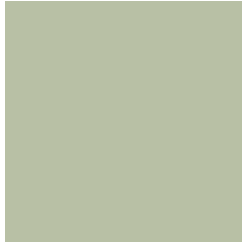
3.1811, 0.1707, 0.0714



0.1741, 0.1963, 0.0855

Previews

White Background



This preview shows how the Yxy color 50.6062, 0.3267, 0.3641 looks on a white background.

Color Contrast Check

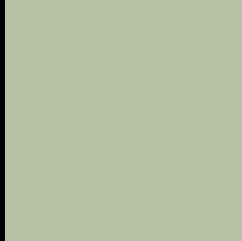
Large Text (above 18pt) WCAG AA × Fail

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 50.6062, 0.3267, 0.3641 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

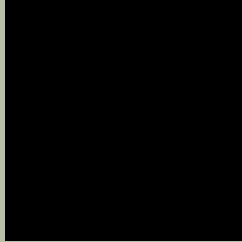
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

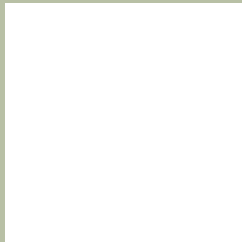
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 50.6062, 0.3267, 0.3641

Background



This preview shows how black text looks on a background with the Yxy color 50.6062, 0.3267, 0.3641.



This preview shows how white text looks on a background with the Yxy color 50.6062, 0.3267, 0.3641.

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

50.6062, 0.3267, 0.3641

Protanopia

50.6165, 0.3411, 0.3605

Deuteranopia

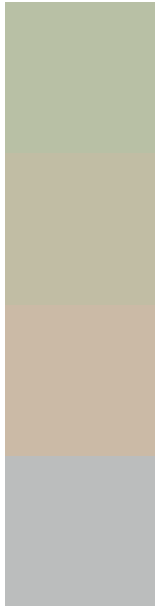
50.5421, 0.3533, 0.3472



Tritanopia

50.6237, 0.3030, 0.3104

Trichromacy



Original Color

50.6062, 0.3267, 0.3641

Protanomaly

50.4130, 0.3357, 0.3609

Deuteranomaly

50.5675, 0.3434, 0.3539

Tritanomaly

50.6341, 0.3111, 0.3290

Monochromacy



Original Color

50.6062, 0.3267, 0.3641

Achromatopsia

49.6933, 0.3127, 0.3290

Achromatomaly

50.0890, 0.3179, 0.3418

CSS Examples

Text

The CSS property to change the color of the text to Yxy 50.6062, 0.3267, 0.3641 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(184, 192, 165)` looks like.

```
.text, #text, p{  
    color:rgb(184, 192, 165)  
}
```

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(184, 192, 165) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(184, 192, 165) }
```

Border

The CSS property to change the border of an element to Yxy 50.6062, 0.3267, 0.3641 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(184, 192, 165) }
```

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

```
.border{ border-color:rgb(184, 192, 165) }
```

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

Here you see how a box with a 4 pixel `rgb(184, 192, 165)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(184, 192, 165); -webkit-box-  
shadow:4px 4px 4px 4px rgb(184, 192, 165);  
box-shadow:4px 4px 4px 4px rgb(184, 192,  
165) }
```


Background

The CSS property to change the background color of an element to Yxy 50.6062, 0.3267, 0.3641 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(184, 192, 165) }
```

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

```
.background{ background-color: rgb(184,  
192, 165) }
```

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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