

Converting Colors

$Yxy(45.5783, 0.3327, 0.3565)$

Have a look what the booklet for
Yxy(45.5783, 0.3327, 0.3565)
contains.

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Color

Yxy(45.7762, 0.3324, 0.3569)

Conversions

Conversions Part 1

Format	Color
Hex	B8B5A0
RGB	184, 181, 160
RGB Percent	72%, 71%, 63%
CMY	0.2785, 0.2902, 0.3725
CMYK	0.00, 0.02, 0.13, 0.28
HSL	53°, 14%, 67%
HSV	53°, 13%, 72%
XYZ	42.6338, 45.7762, 39.8506
YIQ	179.5030, 8.5290, -5.8950

Conversions

Conversions Part 2

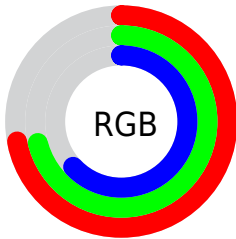
Format	Color
R_{YB}	163, 184, 160
Decimal	12105120
CIE _{Lab}	73.40, -2.60, 11.08
CIE _{LCh}	73, 11.378, 103.214
Yxy	45.7762, 0.3324, 0.3569
Android (android.graphics.Color)	4290295200 (0xFFB8B5A0)
YUV	179.5030, -9.6150, 3.9439
Hunter-Lab	67.6581, -5.9224, 12.4389

Details

The Yxy color $45.7762, 0.3324, 0.3569$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $37.1238, 0.2924, 0.2995$, and the grayscale version is $45.4109, 0.3127, 0.3290$.

A 20% lighter version of the original color is $83.9999, 0.3286, 0.3517$, and $21.3678, 0.3377, 0.3637$ is the 20% darker color. If you saturate the color by 10%, you get $44.2603, 0.3484, 0.3790$, and if you desaturate by 10%, it is $47.4066, 0.3172, 0.3354$.

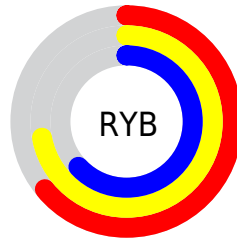
Distribution



Red (72%)

Green (71%)

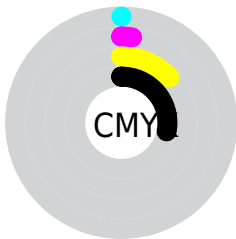
Blue (63%)



Red (64%)

Yellow (72%)

Blue (63%)

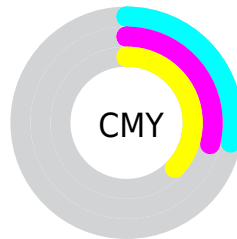


Cyan (0%)

Magenta (2%)

Yellow (13%)

Black (28%)



Cyan (28%)


Magenta (29%)

Yellow (37%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 45.7762, 0.3324, 0.3569 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 45.7762, 0.3324, 0.3569 by changing the saturation by 10% instead.


 45.7762, 0.3324,
0.3569


 45.7762, 0.3324,
0.3569

369.9082, 0.3226,
0.3428

 32.0693, 0.3348,
0.3605


 83.8840, 0.3288,
0.3518

 21.4144, 0.3380,
0.3650


 109.0536, 0.3275,
0.3498

 13.4273, 0.3421,
0.3712


138.8128, 0.3264,
0.3482

 7.7234, 0.3479,
0.3798

173.5462, 0.3254,
0.3468

 3.9185, 0.3565,
0.3928

213.6380, 0.3245,
0.3456

 1.6281, 0.3707,
0.4150

259.4727, 0.3238,

 0.3764, 0.4388,

0.3446

0.5612

311.4346, 0.3232,
0.3437

0.0000, 0.0000,
0.0000

45.7762, 0.3324,
0.3569

45.7762, 0.3324,
0.3569

44.2603, 0.3484,
0.3790

47.4066, 0.3172,
0.3354

42.8486, 0.3647,
0.4011

49.1496, 0.3029,
0.3148

41.5387, 0.3809,
0.4223

51.0108, 0.2896,
0.2954

40.3256, 0.3964,
0.4418

52.9938, 0.2775,
0.2775

39.2038, 0.4106,
0.4585

55.1021, 0.2665,
0.2610

■ 38.1674, 0.4228,
0.4717

■ 56.3068, 0.2651,
0.2606

■ 37.2094, 0.4324,
0.4807

■ 57.3356, 0.2653,
0.2633

■ 36.3215, 0.4393,
0.4852

■ 58.3802, 0.2656,
0.2660

■ 35.7325, 0.4430,
0.4865

■ 59.4404, 0.2659,
0.2687

Harmonies

Analogous

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



45.7762, 0.3422, 0.3510



45.7762, 0.3324, 0.3569



45.7762, 0.3174, 0.3551

Triad

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



45.7762, 0.3324, 0.3569



45.7762, 0.2824, 0.3172



45.7762, 0.3236, 0.3132

Complementary

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



45.7762, 0.3324, 0.3569



37.1238, 0.2924, 0.2995

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.



45.7762, 0.3074, 0.3046



45.7762, 0.3324, 0.3569



45.7762, 0.2839, 0.3065

Square

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



45.7762, 0.3324, 0.3569



45.7762, 0.2888, 0.3316



45.7762, 0.2929, 0.3021



45.7762, 0.3371, 0.3258

Rectangle

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



45.7762, 0.3324, 0.3569



45.7762, 0.3066, 0.3495



45.7762, 0.2929, 0.3021



45.7762, 0.3183, 0.3097

Sweetspot

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



45.7782, 0.3324, 0.3569



85.6390, 0.3187, 0.3375



37.9854, 0.3331, 0.3247



18.4130, 0.3198, 0.3391



93.3107, 0.3127, 0.3290



18.7317, 0.3127, 0.3290

Same Dimension

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



45.7782, 0.3324, 0.3569



82.0894, 0.3375, 0.3640



45.9490, 0.3242, 0.3615



10.3080, 0.3267, 0.3489



24.7020, 0.4426, 0.4867



0.9246, 0.4358, 0.4922

Inverse Universe

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



37.1238, 0.2924, 0.2995



62.9332, 0.2869, 0.2914



37.0183, 0.3002, 0.2960



8.8943, 0.2984, 0.3083



2.8610, 0.1530, 0.0706



0.1596, 0.1624, 0.1045

Previews

White Background



This preview shows how the Yxy color 45.7762, 0.3324, 0.3569 looks on a white background.

Color Contrast Check

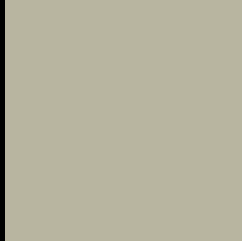
Large Text (above 18pt) WCAG AA × Fail

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 45.7762, 0.3324, 0.3569 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

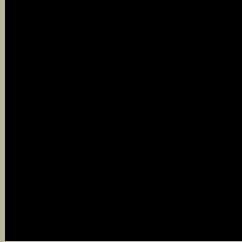
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

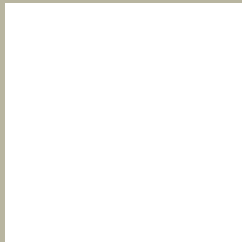
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 45.7762, 0.3324, 0.3569

Background



This preview shows how black text looks on a background with the Yxy color 45.7762, 0.3324, 0.3569.



This preview shows how white text looks on a background with the Yxy color 45.7762, 0.3324, 0.3569.

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

45.7762, 0.3324, 0.3569

Protanopia

45.8371, 0.3371, 0.3567

Deuteranopia

45.6827, 0.3514, 0.3455



Tritanopia

45.8972, 0.3110, 0.3112

Trichromacy



Original Color

45.7762, 0.3324, 0.3569

Protanomaly

45.7105, 0.3361, 0.3567

Deuteranomaly

45.8878, 0.3442, 0.3496

Tritanomaly

45.7009, 0.3189, 0.3264

Monochromacy



Original Color

45.7762, 0.3324, 0.3569

Achromatopsia

45.6411, 0.3127, 0.3290

Achromatomaly

45.4834, 0.3192, 0.3383

CSS Examples

Text

The CSS property to change the color of the text to Yxy 45.7762, 0.3324, 0.3569 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, 181, 160)` looks like.

```
.text, #text, p{  
    color:rgb(184, 181, 160)  
}
```

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, 181, 160) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(184, 181, 160) }
```

Border

The CSS property to change the border of an element to Yxy 45.7762, 0.3324, 0.3569 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, 181, 160) }
```

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

```
.border{ border-color:rgb(184, 181, 160) }
```

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

Here you see how a box with a 4 pixel `rgb(184, 181, 160)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(184, 181, 160); -webkit-box-  
shadow:4px 4px 4px 4px rgb(184, 181, 160);  
box-shadow:4px 4px 4px 4px rgb(184, 181,  
160) }
```


Background

The CSS property to change the background color of an element to Yxy 45.7762, 0.3324, 0.3569 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(184, 181, 160) }
```

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

```
.background{ background-color: rgb(184,  
181, 160) }
```

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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