

Converting Colors

$Yxy(45.7455, 0.3353, 0.3396)$

Have a look what the booklet for
Yxy(45.7455, 0.3353, 0.3396)
contains.

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Color

Yxy(45.7782, 0.3345, 0.3393)

Conversions

Conversions Part 1

Format	Color
Hex	C2B1A9
RGB	194, 177, 169
RGB Percent	76%, 69%, 66%
CMY	0.2393, 0.3059, 0.3371
CMYK	0.00, 0.09, 0.13, 0.24
HSL	19°, 17%, 71%
HSV	19°, 13%, 76%
XYZ	45.1306, 45.7782, 44.0108
YIQ	181.1710, 12.7000, 1.1160

Conversions

Conversions Part 2

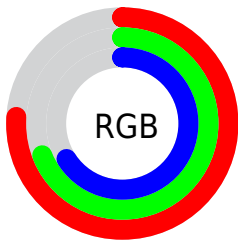
Format	Color
R _Y B	194, 181, 169
Decimal	12759465
CIE Lab	73.40, 4.72, 6.26
CIE LCh	73, 7.846, 52.984
Yxy	45.7782, 0.3345, 0.3393
Android (android.graphics.Color)	4290949545 (0xFFC2B1A9)
YUV	181.1710, -6.0003, 11.2510
Hunter-Lab	67.6596, 0.6595, 8.7952

Details

The Yxy color $45.7782, 0.3345, 0.3393$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $47.4549, 0.2930, 0.3185$, and the grayscale version is $46.3346, 0.3127, 0.3290$.

A 20% lighter version of the original color is $84.1689, 0.3309, 0.3381$, and $21.2751, 0.3407, 0.3414$ is the 20% darker color. If you saturate the color by 10%, you get $40.1399, 0.3550, 0.3479$, and if you desaturate by 10%, it is $52.0331, 0.3172, 0.3312$.

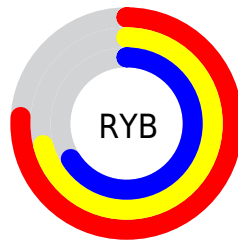
Distribution



Red (76%)

Green (69%)

Blue (66%)



Red (76%)

Yellow (71%)

Blue (66%)

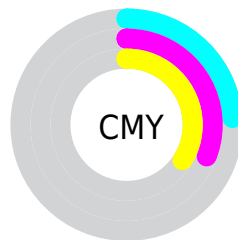


Cyan (0%)

Magenta (9%)

Yellow (13%)

Black (24%)



Cyan (24%)


Magenta (31%)

Yellow (34%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 45.7782, 0.3345, 0.3393 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 45.7782, 0.3345, 0.3393 by changing the saturation by 10% instead.


 45.7782, 0.3345,
0.3393

 45.7782, 0.3345,
0.3393


369.9162, 0.3235,
0.3342

 32.0708, 0.3373,
0.3405


 83.8870, 0.3305,
0.3375

 21.4156, 0.3408,
0.3421


109.0571, 0.3290,
0.3368

 13.4281, 0.3456,
0.3442


138.8170, 0.3277,
0.3362

 7.7240, 0.3524,
0.3471

173.5511, 0.3266,
0.3357

 3.9189, 0.3625,
0.3513

213.6436, 0.3257,
0.3353

 1.6283, 0.3797,
0.3579

259.4790, 0.3249,

 0.3766, 0.5569,

0.3349

0.4431

311.4418, 0.3242,
0.3345

0.0000, 0.0000,
0.0000

45.7782, 0.3345,
0.3393

45.7782, 0.3345,
0.3393

40.1399, 0.3550,
0.3479

52.0331, 0.3172,
0.3312

35.0930, 0.3790,
0.3566

58.9165, 0.3025,
0.3237

30.6195, 0.4069,
0.3652

66.4478, 0.2901,
0.3168

26.6985, 0.4385,
0.3730

74.6437, 0.2796,
0.3105

23.3071, 0.4731,
0.3789

82.7896, 0.2762,
0.3161

■ 20.4214, 0.5091,
0.3818

■ 90.2068, 0.2773,
0.3289

■ 18.0147, 0.5438,
0.3806

■ 16.0578, 0.5738,
0.3746

■ 14.9112, 0.5919,
0.3683

Harmonies

Analogous

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



45.7782, 0.3316, 0.3300



45.7782, 0.3345, 0.3393



45.7782, 0.3314, 0.3461

Triad

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



45.7782, 0.3345, 0.3393



45.7782, 0.3018, 0.3375



45.7782, 0.3020, 0.3103

Complementary

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



45.7782, 0.3345, 0.3393



47.4549, 0.2930, 0.3185

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.



45.7782, 0.2943, 0.3119



45.7782, 0.3345, 0.3393



45.7782, 0.2941, 0.3275

Square

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



45.7782, 0.3345, 0.3393



45.7782, 0.3124, 0.3452



45.7782, 0.2914, 0.3182



45.7782, 0.3128, 0.3135

Rectangle

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



45.7782, 0.3345, 0.3393



45.7782, 0.3264, 0.3482



45.7782, 0.2914, 0.3182



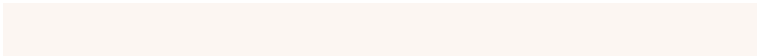
45.7782, 0.2990, 0.3103

Sweetspot

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



45.7802, 0.3345, 0.3393



92.8673, 0.3191, 0.3322



43.4049, 0.3209, 0.3074



20.1403, 0.3204, 0.3328



0.0000, 0.0000, 0.0000



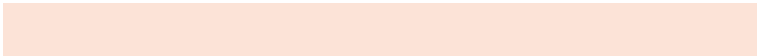
21.4041, 0.3127, 0.3290

Same Dimension

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



45.7802, 0.3345, 0.3393



80.4299, 0.3391, 0.3413



50.9037, 0.3324, 0.3548



10.5916, 0.3281, 0.3364



9.9382, 0.5895, 0.3702



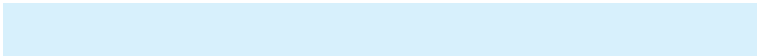
0.5559, 0.5449, 0.4055

Inverse Universe

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



47.4549, 0.2930, 0.3185



83.9663, 0.2894, 0.3164



42.4546, 0.2926, 0.3018



10.8680, 0.2984, 0.3215



13.5644, 0.1951, 0.2223



0.7060, 0.2025, 0.2489

Previews

White Background



This preview shows how the Yxy color 45.7782, 0.3345, 0.3393 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 45.7782, 0.3345, 0.3393 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

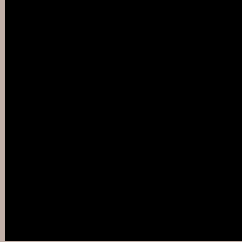
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 45.7782, 0.3345, 0.3393

Background



This preview shows how black text looks on a background with the Yxy color 45.7782, 0.3345, 0.3393.



This preview shows how white text looks on a background with the Yxy color 45.7782, 0.3345, 0.3393.

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

45.7782, 0.3345, 0.3393

Protanopia

45.9839, 0.3261, 0.3421

Deuteranopia

45.7309, 0.3415, 0.3341



Tritanopia

45.7733, 0.3215, 0.3115

Trichromacy



Original Color

45.7782, 0.3345, 0.3393

Protanomaly

45.9613, 0.3289, 0.3407

Deuteranomaly

45.7043, 0.3386, 0.3354

Tritanomaly

45.7319, 0.3264, 0.3215

Monochromacy



Original Color

45.7782, 0.3345, 0.3393

Achromatopsia

46.2077, 0.3127, 0.3290

Achromatomaly

46.2559, 0.3203, 0.3329

CSS Examples

Text

The CSS property to change the color of the text to Yxy 45.7782, 0.3345, 0.3393 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, 177, 169)` looks like.

```
.text, #text, p{  
    color:rgb(194, 177, 169)  
}
```

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, 177, 169) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 177, 169) }
```

Border

The CSS property to change the border of an element to Yxy 45.7782, 0.3345, 0.3393 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, 177, 169) }
```

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

```
.border{ border-color:rgb(194, 177, 169) }
```

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

Here you see how a box with a 4 pixel rgb(194, 177, 169) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(194, 177, 169); -webkit-box-  
shadow:4px 4px 4px 4px rgb(194, 177, 169);  
box-shadow:4px 4px 4px 4px rgb(194, 177,  
169) }
```


Background

The CSS property to change the background color of an element to Yxy 45.7782, 0.3345, 0.3393 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 177, 169) }
```

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

```
.background{ background-color: rgb(194,  
177, 169) }
```

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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