

Converting Colors

$Yxy(45.3349, 0.3284, 0.3527)$

Have a look what the booklet for
Yxy(45.3349, 0.3284, 0.3527)
contains.

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Color

Yxy(45.2319, 0.3283, 0.3517)

Conversions

Conversions Part 1

Format	Color
Hex	B6B4A3
RGB	182, 180, 163
RGB Percent	71%, 71%, 64%
CMY	0.2863, 0.2941, 0.3608
CMYK	0.00, 0.01, 0.10, 0.29
HSL	54°, 12%, 68%
HSV	54°, 10%, 71%
XYZ	42.2224, 45.2319, 41.1550
YIQ	178.6600, 6.6490, -4.8630

Conversions

Conversions Part 2

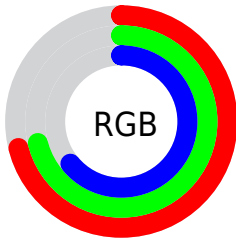
Format	Color
RYB	165, 182, 163
Decimal	11973795
CIELab	73.04, -2.30, 8.92
CIELCh	73, 9.212, 104.475
Yxy	45.2319, 0.3283, 0.3517
Android (android.graphics.Color)	4290163875 (0xFFB6B4A3)
YUV	178.6600, -7.7204, 2.9292
Hunter-Lab	67.2547, -5.6335, 10.7971

Details

The Yxy color **45.2319, 0.3283, 0.3517** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **38.0701, 0.2967, 0.3052**, and the grayscale version is **44.9287, 0.3127, 0.3290**.

A 20% lighter version of the original color is **83.2300, 0.3254, 0.3476**, and **20.9936, 0.3331, 0.3584** is the 20% darker color. If you saturate the color by 10%, you get **43.8635, 0.3440, 0.3741**, and if you desaturate by 10%, it is **46.7088, 0.3133, 0.3299**.

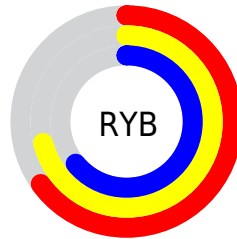
Distribution



Red (71%)

Green (71%)

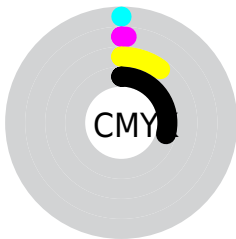
Blue (64%)



Red (65%)

Yellow (71%)

Blue (64%)

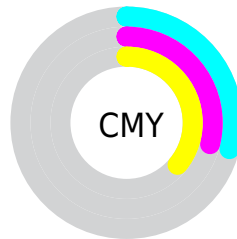


Cyan (0%)

Magenta (1%)

Yellow (10%)

Black (29%)



Cyan (29%)


Magenta (29%)


Yellow (36%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 45.2319, 0.3283, 0.3517 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 45.2319, 0.3283, 0.3517 by changing the saturation by 10% instead.


 45.2319, 0.3283,
0.3517

 45.2319, 0.3283,
0.3517


367.7119, 0.3205,
0.3402

 31.6401, 0.3303,
0.3546


 83.0683, 0.3255,
0.3475

 21.0868, 0.3328,
0.3584


 108.0817, 0.3244,
0.3459

 13.1874, 0.3361,
0.3634


137.6711, 0.3235,
0.3446

 7.5577, 0.3408,
0.3705

172.2209, 0.3227,
0.3435

 3.8133, 0.3477,
0.3813

212.1155, 0.3221,
0.3425

 1.5697, 0.3591,
0.3995

257.7393, 0.3215,

 0.3370, 0.4394,

0.3417

0.5606

309.4766, 0.3210,
0.3409

0.0000, 0.0000,
0.0000

45.2319, 0.3283,
0.3517

45.2319, 0.3283,
0.3517

43.8635, 0.3440,
0.3741

46.7088, 0.3133,
0.3299

42.5935, 0.3600,
0.3967

48.2919, 0.2993,
0.3092

41.4196, 0.3760,
0.4185

49.9869, 0.2864,
0.2898

40.3372, 0.3913,
0.4389

51.7972, 0.2745,
0.2718

39.3412, 0.4054,
0.4567

53.7260, 0.2637,
0.2553

■ 38.4258, 0.4175,
0.4711

■ 54.6187, 0.2634,
0.2566

■ 37.5846, 0.4273,
0.4814

■ 55.4579, 0.2636,
0.2588

■ 36.8100, 0.4343,
0.4873

■ 56.3080, 0.2639,
0.2611

■ 36.1167, 0.4390,
0.4897

■ 57.1689, 0.2641,
0.2633

Harmonies

Analogous

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



45.2319, 0.3365, 0.3473



45.2319, 0.3283, 0.3517



45.2319, 0.3160, 0.3499

Triad

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



45.2319, 0.3283, 0.3517



45.2319, 0.2879, 0.3190



45.2319, 0.3221, 0.3164

Complementary

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



45.2319, 0.3283, 0.3517



38.0701, 0.2967, 0.3052

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.



45.2319, 0.3090, 0.3092



45.2319, 0.3283, 0.3517



45.2319, 0.2894, 0.3105

Square

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



45.2319, 0.3283, 0.3517



45.2319, 0.2929, 0.3307



45.2319, 0.2971, 0.3070



45.2319, 0.3329, 0.3269

Rectangle

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



45.2319, 0.3283, 0.3517



45.2319, 0.3073, 0.3452



45.2319, 0.2971, 0.3070



45.2319, 0.3178, 0.3136

Sweetspot

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



45.2339, 0.3283, 0.3517



83.9699, 0.3172, 0.3355



38.8634, 0.3289, 0.3260



18.4981, 0.3184, 0.3373



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.



45.2339, 0.3283, 0.3517



81.3032, 0.3326, 0.3579



45.1792, 0.3216, 0.3548



10.3383, 0.3266, 0.3493



25.5641, 0.4387, 0.4899



0.9477, 0.4331, 0.4943

Inverse Universe

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



38.0701, 0.2967, 0.3052



65.1616, 0.2921, 0.2984



38.1491, 0.3032, 0.3029



8.8668, 0.2984, 0.3079



2.7643, 0.1524, 0.0685



0.1478, 0.1606, 0.0981

Previews

White Background



This preview shows how the Yxy color 45.2319, 0.3283, 0.3517 looks on a white background.

Color Contrast Check

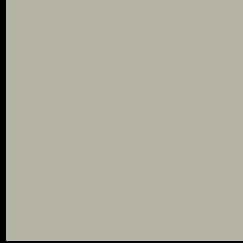
Large Text (above 18pt) WCAG AA × Fail

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 45.2319, 0.3283, 0.3517 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

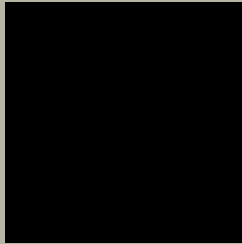
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

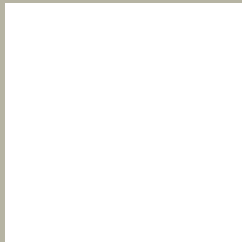
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 45.2319, 0.3283, 0.3517

Background



This preview shows how black text looks on a background with the Yxy color 45.2319, 0.3283, 0.3517.



This preview shows how white text looks on a background with the Yxy color 45.2319, 0.3283, 0.3517.

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

45.2319, 0.3283, 0.3517

Protanopia

45.2879, 0.3329, 0.3515

Deuteranopia

45.1240, 0.3471, 0.3405



Tritanopia

45.2075, 0.3101, 0.3110

Trichromacy



Original Color

45.2319, 0.3283, 0.3517

Protanomaly

45.1631, 0.3320, 0.3516

Deuteranomaly

45.3331, 0.3400, 0.3445

Tritanomaly

45.0539, 0.3173, 0.3251

Monochromacy



Original Color

45.2319, 0.3283, 0.3517

Achromatopsia

45.0786, 0.3127, 0.3290

Achromatomaly

44.9606, 0.3184, 0.3370

CSS Examples

Text

The CSS property to change the color of the text to Yxy 45.2319, 0.3283, 0.3517 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(182, 180, 163)` looks like.

```
.text, #text, p{  
    color:rgb(182, 180, 163)  
}
```

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(182, 180, 163) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(182, 180, 163) }
```

Border

The CSS property to change the border of an element to Yxy 45.2319, 0.3283, 0.3517 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(182, 180, 163) }
```

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

```
.border{ border-color:rgb(182, 180, 163) }
```

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

Here you see how a box with a 4 pixel `rgb(182, 180, 163)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(182, 180, 163); -webkit-box-  
shadow:4px 4px 4px 4px rgb(182, 180, 163);  
box-shadow:4px 4px 4px 4px rgb(182, 180,  
163) }
```


Background

The CSS property to change the background color of an element to Yxy 45.2319, 0.3283, 0.3517 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(182, 180, 163) }
```

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

```
.background{ background-color: rgb(182,  
180, 163) }
```

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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