

Converting Colors

$Yxy(45.8021, 0.3329, 0.3443)$

Have a look what the booklet for
Yxy(45.8021, 0.3329, 0.3443)
contains.

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Color

Yxy(45.5780, 0.3325, 0.3434)

Conversions

Conversions Part 1

Format	Color
Hex	BEB2A7
RGB	190, 178, 167
RGB Percent	75%, 70%, 65%
CMY	0.2548, 0.3020, 0.3452
CMYK	0.00, 0.06, 0.12, 0.25
HSL	29°, 15%, 70%
HSV	29°, 12%, 75%
XYZ	44.1313, 45.5780, 43.0164
YIQ	180.3340, 10.6830, -0.8770

Conversions

Conversions Part 2

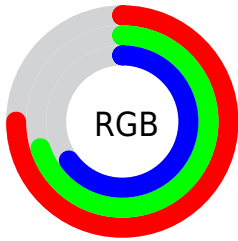
Format	Color
RYB	190, 188, 167
Decimal	12497575
CIELab	73.27, 2.39, 7.16
CIElCh	73, 7.549, 71.577
Yxy	45.5780, 0.3325, 0.3434
Android (android.graphics.Color)	4290687655 (0xFFBEB2A7)
YUV	180.3340, -6.5737, 8.4771
Hunter-Lab	67.5115, -1.4622, 9.4801

Details

The Yxy color **45.5780, 0.3325, 0.3434** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **44.1651, 0.2941, 0.3142**, and the grayscale version is **45.8634, 0.3127, 0.3290**.

A 20% lighter version of the original color is **83.7124, 0.3286, 0.3412**, and **21.2234, 0.3390, 0.3468** is the 20% darker color. If you saturate the color by 10%, you get **41.1274, 0.3514, 0.3560**, and if you desaturate by 10%, it is **50.4206, 0.3159, 0.3314**.

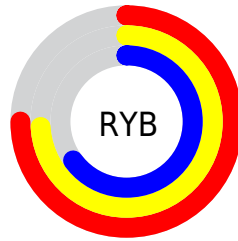
Distribution



Red (75%)

Green (70%)

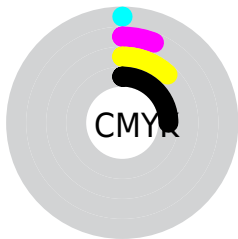
Blue (65%)



Red (75%)

Yellow (74%)

Blue (65%)

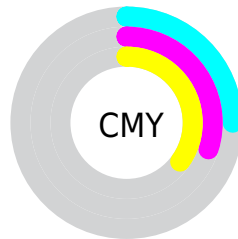


Cyan (0%)

Magenta (6%)

Yellow (12%)

Black (25%)



Cyan (25%)


Magenta (30%)

Yellow (35%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 45.5780, 0.3325, 0.3434 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 45.5780, 0.3325, 0.3434 by changing the saturation by 10% instead.


 45.5780, 0.3325,
0.3434


 45.5780, 0.3325,
0.3434


369.1095, 0.3225,
0.3362

 31.9129, 0.3350,
0.3452


 83.5871, 0.3289,
0.3408

 21.2950, 0.3382,
0.3475


 108.6999, 0.3275,
0.3398

 13.3398, 0.3426,
0.3505

138.3974, 0.3264,
0.3390

 7.6630, 0.3487,
0.3548

173.0640, 0.3254,
0.3383

 3.8801, 0.3579,
0.3610

213.0842, 0.3245,
0.3377

 1.6067, 0.3733,
0.3713

258.8422, 0.3238,

 0.3621, 0.5264,

0.3371

0.4736

310.7225, 0.3231,
0.3366

0.0000, 0.0000,
0.0000

45.5780, 0.3325,
0.3434

45.5780, 0.3325,
0.3434

41.1274, 0.3514,
0.3560

50.4206, 0.3159,
0.3314

37.0522, 0.3729,
0.3689

55.6591, 0.3016,
0.3203

33.3436, 0.3970,
0.3816

61.3052, 0.2891,
0.3099

29.9899, 0.4233,
0.3934

67.3680, 0.2782,
0.3004

26.9787, 0.4512,
0.4032

73.3988, 0.2725,
0.2989

■ 24.2968, 0.4795,
0.4099

■ 78.9914, 0.2735,
0.3099

■ 21.9297, 0.5067,
0.4121

■ 84.9011, 0.2745,
0.3207

■ 19.8610, 0.5307,
0.4091

■ 89.6892, 0.2752,
0.3289

■ 18.4241, 0.5472,
0.4037

Harmonies

Analogous

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



45.5780, 0.3333, 0.3357



45.5780, 0.3325, 0.3434



45.5780, 0.3263, 0.3474

Triad

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



45.5780, 0.3325, 0.3434



45.5780, 0.2971, 0.3313



45.5780, 0.3087, 0.3124

Complementary

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



45.5780, 0.3325, 0.3434



44.1651, 0.2941, 0.3142

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.



45.5780, 0.2991, 0.3110



45.5780, 0.3325, 0.3434



45.5780, 0.2926, 0.3218

Square

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



45.5780, 0.3325, 0.3434



45.5780, 0.3058, 0.3404



45.5780, 0.2933, 0.3144



45.5780, 0.3194, 0.3180

Rectangle

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



45.5780, 0.3325, 0.3434



45.5780, 0.3200, 0.3473



45.5780, 0.2933, 0.3144



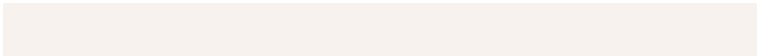
45.5780, 0.3052, 0.3114

Sweetspot

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



45.5800, 0.3325, 0.3434



89.5976, 0.3190, 0.3337



41.8416, 0.3234, 0.3131



19.5248, 0.3202, 0.3346



97.7402, 0.3127, 0.3290



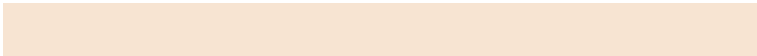
20.4902, 0.3127, 0.3290

Same Dimension

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



45.5800, 0.3325, 0.3434



79.9945, 0.3381, 0.3473



50.2400, 0.3307, 0.3576



10.2695, 0.3277, 0.3400



12.4041, 0.5452, 0.4053



0.6169, 0.5074, 0.4353

Inverse Universe

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



44.1651, 0.2941, 0.3142



76.8405, 0.2892, 0.3100



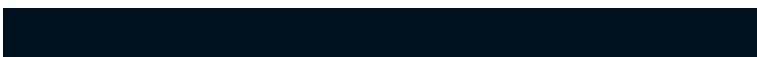
39.8402, 0.2938, 0.2987



10.0261, 0.2984, 0.3177



8.5702, 0.1797, 0.1669



0.4660, 0.1914, 0.2091

Previews

White Background



This preview shows how the Yxy color 45.5780, 0.3325, 0.3434 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 45.5780, 0.3325, 0.3434 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

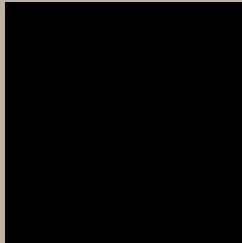
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

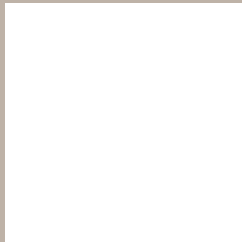
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 45.5780, 0.3325, 0.3434

Background



This preview shows how black text looks on a background with the Yxy color 45.5780, 0.3325, 0.3434.

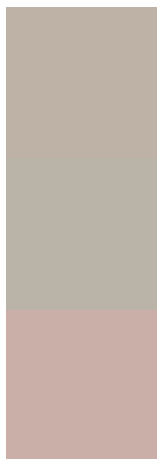


This preview shows how white text looks on a background with the Yxy color 45.5780, 0.3325, 0.3434.

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

45.5780, 0.3325, 0.3434

Protanopia

45.5065, 0.3279, 0.3435

Deuteranopia

45.6558, 0.3433, 0.3366



Tritanopia

45.6715, 0.3171, 0.3114

Trichromacy



Original Color

45.5780, 0.3325, 0.3434

Protanomaly

45.6321, 0.3288, 0.3434

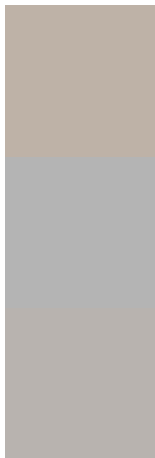
Deuteranomaly

45.4929, 0.3394, 0.3380

Tritanomaly

45.5933, 0.3227, 0.3226

Monochromacy



Original Color

45.5780, 0.3325, 0.3434

Achromatopsia

45.6411, 0.3127, 0.3290

Achromatomaly

45.5257, 0.3203, 0.3343

CSS Examples

Text

The CSS property to change the color of the text to Yxy 45.5780, 0.3325, 0.3434 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(190, 178, 167)` looks like.

```
.text, #text, p{  
  color:rgb(190, 178, 167)  
}
```

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(190, 178, 167) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(190, 178, 167) }
```

Border

The CSS property to change the border of an element to Yxy 45.5780, 0.3325, 0.3434 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(190, 178, 167) }
```

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

```
.border{ border-color:rgb(190, 178, 167) }
```

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

Here you see how a box with a 4 pixel `rgb(190, 178, 167)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(190, 178, 167); -webkit-box-  
shadow:4px 4px 4px 4px rgb(190, 178, 167);  
box-shadow:4px 4px 4px 4px rgb(190, 178,  
167) }
```


Background

The CSS property to change the background color of an element to Yxy 45.5780, 0.3325, 0.3434 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(190, 178, 167) }
```

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

```
.background{ background-color: rgb(190,  
178, 167) }
```

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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