

Converting Colors

Yxy(50.1708, 0.3327, 0.3439)

Have a look what the booklet for
Yxy(50.1708, 0.3327, 0.3439)
contains.

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Color

Yxy(50.1796, 0.3325, 0.3441)

Conversions

Conversions Part 1

Format	Color
Hex	C6BAAE
RGB	198, 186, 174
RGB Percent	78%, 73%, 68%
CMY	0.2235, 0.2706, 0.3177
CMYK	0.00, 0.06, 0.12, 0.22
HSL	30°, 17%, 73%
HSV	30°, 12%, 78%
XYZ	48.4880, 50.1796, 47.1609
YIQ	188.2200, 11.0040, -1.1880

Conversions

Conversions Part 2

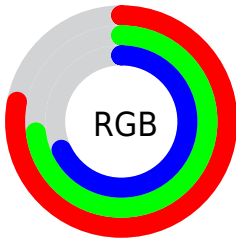
Format	Color
RYB	198, 198, 174
Decimal	13023918
CIELab	76.18, 2.19, 7.61
CIELCh	76, 7.917, 73.925
Yxy	50.1796, 0.3325, 0.3441
Android (android.graphics.Color)	4291213998 (0xFFC6BAAE)
YUV	188.2200, -7.0105, 8.5771
Hunter-Lab	70.8376, -1.7833, 10.1133

Details

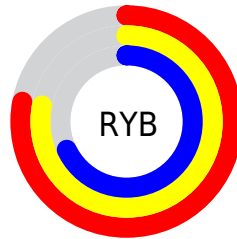
The Yxy color **50.1796, 0.3325, 0.3441** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **48.1851, 0.2940, 0.3134**, and the grayscale version is **50.4580, 0.3127, 0.3290**.

A 20% lighter version of the original color is **90.4214, 0.3294, 0.3418**, and **24.1095, 0.3375, 0.3477** is the 20% darker color. If you saturate the color by 10%, you get **45.4404, 0.3513, 0.3573**, and if you desaturate by 10%, it is **55.3257, 0.3160, 0.3316**.

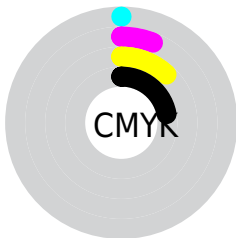
Distribution



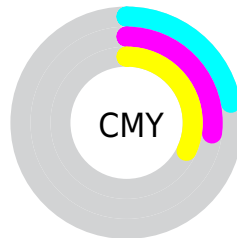
- Red (78%)
- Green (73%)
- Blue (68%)



- Red (78%)
- Yellow (78%)
- Blue (68%)



- Cyan (0%)
- Magenta (6%)
- Yellow (12%)
- Black (22%)



- Cyan (22%)
- Magenta (27%)
- Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 50.1796, 0.3325, 0.3441 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 50.1796, 0.3325, 0.3441 by changing the saturation by 10% instead.

■ 50.1796, 0.3325,
0.3441

■ 50.1796, 0.3325,
0.3441

387.3679, 0.3227,
0.3367

■ 35.5561, 0.3349,
0.3459

■ 90.4409, 0.3290,
0.3414

■ 24.0916, 0.3380,
0.3482

116.8476, 0.3276,
0.3404

■ 15.4016, 0.3421,
0.3512

147.9507, 0.3265,
0.3396

■ 9.1017, 0.3478,
0.3554

184.1348, 0.3255,
0.3388

■ 4.8076, 0.3561,
0.3614

225.7841, 0.3247,
0.3382

■ 2.1348, 0.3696,
0.3709

273.2831, 0.3239,

■ 0.6841, 0.4396,

0.3376

0.4273

327.0163, 0.3233,
0.3371

0.0000, 0.0000,
0.0000

50.1796, 0.3325,
0.3441

50.1796, 0.3325,
0.3441

45.4404, 0.3513,
0.3573

55.3257, 0.3160,
0.3316

41.0907, 0.3726,
0.3707

60.8824, 0.3015,
0.3199

37.1214, 0.3963,
0.3840

66.8617, 0.2890,
0.3090

33.5205, 0.4220,
0.3963

73.2731, 0.2780,
0.2990

30.2754, 0.4492,
0.4067

78.9130, 0.2779,
0.3080

■ 27.3722, 0.4766,
0.4137

■ 84.7516, 0.2787,
0.3187

■ 24.7959, 0.5026,
0.4163

■ 90.7476, 0.2794,
0.3289

■ 22.5296, 0.5255,
0.4136

■ 20.9469, 0.5413,
0.4084

Harmonies

Analogous

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



50.1796, 0.3338, 0.3365



50.1796, 0.3325, 0.3441



50.1796, 0.3258, 0.3478

Triad

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



50.1796, 0.3325, 0.3441



50.1796, 0.2963, 0.3306



50.1796, 0.3094, 0.3124

Complementary

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



50.1796, 0.3325, 0.3441



48.1851, 0.2940, 0.3134

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.



50.1796, 0.2996, 0.3107



50.1796, 0.3325, 0.3441



50.1796, 0.2921, 0.3209

Square

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



50.1796, 0.3325, 0.3441



50.1796, 0.3049, 0.3400



50.1796, 0.2933, 0.3137



50.1796, 0.3204, 0.3184

Rectangle

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



50.1796, 0.3325, 0.3441



50.1796, 0.3193, 0.3474



50.1796, 0.2933, 0.3137



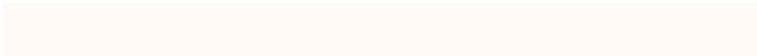
50.1796, 0.3059, 0.3113

Sweetspot

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



50.1818, 0.3325, 0.3441



96.1519, 0.3190, 0.3339



45.8149, 0.3241, 0.3140



20.4284, 0.3202, 0.3349



0.0000, 0.0000, 0.0000



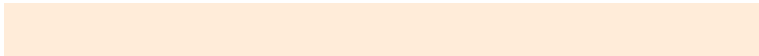
21.4041, 0.3127, 0.3290

Same Dimension

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



50.1818, 0.3325, 0.3441



86.1841, 0.3381, 0.3481



55.4568, 0.3307, 0.3587



11.4991, 0.3277, 0.3406



13.7915, 0.5392, 0.4100



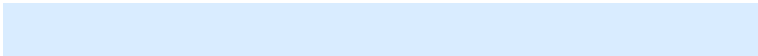
0.7979, 0.5077, 0.4350

Inverse Universe

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



48.1851, 0.2940, 0.3134



81.8440, 0.2891, 0.3091



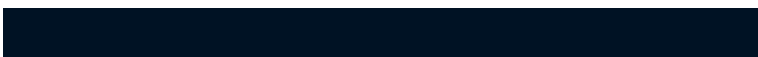
43.3361, 0.2937, 0.2975



11.1483, 0.2983, 0.3171



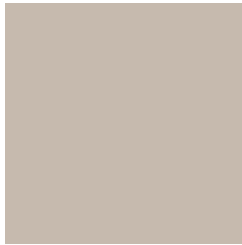
8.6166, 0.1776, 0.1592



0.5529, 0.1881, 0.1971

Previews

White Background



This preview shows how the Yxy color 50.1796, 0.3325, 0.3441 looks on a white background.

Color Contrast Check

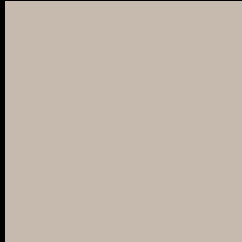
Large Text (above 18pt) WCAG AA × Fail

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 50.1796, 0.3325, 0.3441 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

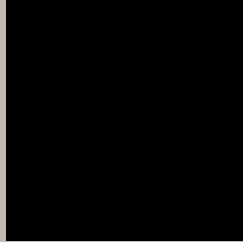
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 50.1796, 0.3325, 0.3441

Background



This preview shows how black text looks on a background with the Yxy color 50.1796, 0.3325, 0.3441.

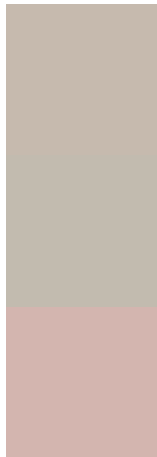


This preview shows how white text looks on a background with the Yxy color 50.1796, 0.3325, 0.3441.

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

50.1796, 0.3325, 0.3441

Protanopia

50.1051, 0.3281, 0.3442

Deuteranopia

49.9918, 0.3440, 0.3364



Tritanopia

50.3157, 0.3169, 0.3120

Trichromacy



Original Color

50.1796, 0.3325, 0.3441

Protanomaly

50.2379, 0.3289, 0.3442

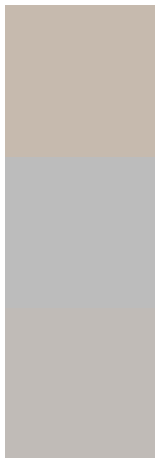
Deuteranomaly

50.0839, 0.3392, 0.3389

Tritanomaly

50.2345, 0.3223, 0.3229

Monochromacy



Original Color

50.1796, 0.3325, 0.3441

Achromatopsia

50.2886, 0.3127, 0.3290

Achromatomaly

50.1660, 0.3200, 0.3341

CSS Examples

Text

The CSS property to change the color of the text to Yxy 50.1796, 0.3325, 0.3441 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(198, 186, 174)` looks like.

```
.text, #text, p{  
    color:rgb(198, 186, 174)  
}
```

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(198, 186, 174) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 186, 174) }
```

Border

The CSS property to change the border of an element to Yxy 50.1796, 0.3325, 0.3441 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(198, 186, 174) }
```

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

```
.border{ border-color:rgb(198, 186, 174) }
```

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

Here you see how a box with a 4 pixel rgb(198, 186, 174) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(198, 186, 174); -webkit-box-  
shadow:4px 4px 4px 4px rgb(198, 186, 174);  
box-shadow:4px 4px 4px 4px rgb(198, 186,  
174) }
```


Background

The CSS property to change the background color of an element to Yxy 50.1796, 0.3325, 0.3441 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(198, 186, 174) }
```

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

```
.background{ background-color: rgb(198,  
186, 174) }
```

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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