

Converting Colors

Yxy(60.2336, 0.3174, 0.3527)

Have a look what the booklet for
Yxy(60.2336, 0.3174, 0.3527)
contains.

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Color

Yxy(60.4784, 0.3176, 0.3531)

Conversions

Conversions Part 1

Format	Color
Hex	C4D0BC
RGB	196, 208, 188
RGB Percent	77%, 82%, 74%
CMY	0.2314, 0.1843, 0.2626
CMYK	0.06, 0.00, 0.10, 0.18
HSL	96°, 18%, 78%
HSV	96°, 10%, 82%
XYZ	54.3980, 60.4784, 56.4020
YIQ	202.1320, -0.7320, -8.7640

Conversions

Conversions Part 2

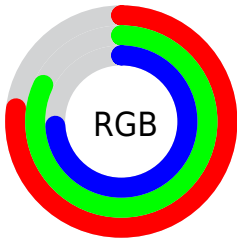
Format	Color
R _{YB}	188, 208, 200
Decimal	12898492
CIE Lab	82.10, -7.70, 8.51
CIE LCh	82, 11.479, 132.150
Yxy	60.4784, 0.3176, 0.3531
Android (android.graphics.Color)	4291088572 (0xFFC4D0BC)
YUV	202.1320, -6.9671, -5.3778
Hunter-Lab	77.7679, -11.2344, 11.4368

Details

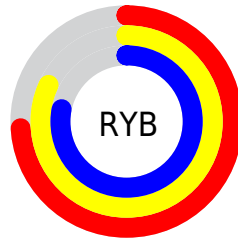
The Yxy color **60.4784, 0.3176, 0.3531** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **52.8223, 0.3074, 0.3052**, and the grayscale version is **59.1954, 0.3127, 0.3290**.

A 20% lighter version of the original color is **98.9343, 0.3178, 0.3396**, and **30.6113, 0.3183, 0.3597** is the 20% darker color. If you saturate the color by 10%, you get **58.0382, 0.3226, 0.3805**, and if you desaturate by 10%, it is **63.1932, 0.3125, 0.3281**.

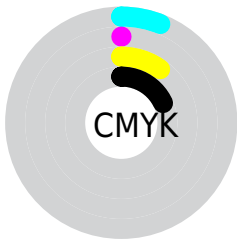
Distribution



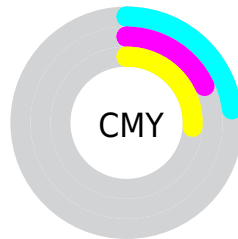
- Red (77%)
- Green (82%)
- Blue (74%)



- Red (74%)
- Yellow (82%)
- Blue (78%)



- Cyan (6%)
- Magenta (0%)
- Yellow (10%)
- Black (18%)



- Cyan (23%)
- Magenta (18%)
- Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 60.4784, 0.3176, 0.3531 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 60.4784, 0.3176, 0.3531 by changing the saturation by 10% instead.

■ 60.4784, 0.3176,
0.3531

■ 60.4784, 0.3176,
0.3531

426.3589, 0.3153,
0.3414

■ 43.8044, 0.3181,
0.3559

■ 105.5233, 0.3168,
0.3489

■ 30.5167, 0.3187,
0.3595

134.6630, 0.3165,
0.3473

■ 20.2311, 0.3195,
0.3641

168.7267, 0.3163,
0.3460

■ 12.5632, 0.3206,
0.3704

208.0988, 0.3160,
0.3448

■ 7.1284, 0.3219,
0.3795

253.1636, 0.3158,
0.3438

■ 3.5426, 0.3238,
0.3936

304.3057, 0.3156,

■ 1.4211, 0.3268,

0.3429

0.4188

361.9093, 0.3155,
0.3421

0.2322, 0.1233,
0.8767

0.0000, 0.0000,
0.0000

60.4784, 0.3176,
0.3531

60.4784, 0.3176,
0.3531

58.0382, 0.3226,
0.3805

63.1932, 0.3125,
0.3281

55.8559, 0.3271,
0.4100

66.1832, 0.3075,
0.3055

53.9246, 0.3310,
0.4409

69.4591, 0.3026,
0.2853

52.2343, 0.3339,
0.4722

71.9383, 0.3085,
0.2822

■ 50.7741, 0.3353,
0.5023

■ 73.5947, 0.3149,
0.2831

■ 49.5323, 0.3350,
0.5297

■ 48.4957, 0.3329,
0.5526

■ 47.6494, 0.3288,
0.5697

■ 46.9702, 0.3236,
0.5810

Harmonies

Analogous

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



60.4784, 0.3313, 0.3546



60.4784, 0.3176, 0.3531



60.4784, 0.3029, 0.3447

Triad

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



60.4784, 0.3176, 0.3531



60.4784, 0.2860, 0.3086



60.4784, 0.3348, 0.3256

Complementary

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



60.4784, 0.3176, 0.3531



52.8223, 0.3074, 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.



60.4784, 0.3222, 0.3140



60.4784, 0.3176, 0.3531



60.4784, 0.2941, 0.3042

Square

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



60.4784, 0.3176, 0.3531



60.4784, 0.2849, 0.3186



60.4784, 0.3073, 0.3063



60.4784, 0.3414, 0.3383

Rectangle

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



60.4784, 0.3176, 0.3531



60.4784, 0.2944, 0.3364



60.4784, 0.3073, 0.3063



60.4784, 0.3311, 0.3215

Sweetspot

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



60.4810, 0.3176, 0.3531



98.6543, 0.3143, 0.3364



58.3597, 0.3279, 0.3432



21.0405, 0.3147, 0.3384



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.



60.4810, 0.3176, 0.3531



94.8566, 0.3189, 0.3599



59.5295, 0.3102, 0.3510



13.4326, 0.3175, 0.3526



29.3099, 0.3244, 0.5806



1.6844, 0.3391, 0.5689

Inverse Universe

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



52.8223, 0.3074, 0.3052



79.7685, 0.3058, 0.2986



53.8486, 0.3153, 0.3079



11.7645, 0.3075, 0.3056



5.6216, 0.2242, 0.1009



0.3598, 0.2418, 0.1106

Previews

White Background



This preview shows how the Yxy color 60.4784, 0.3176, 0.3531 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 60.4784, 0.3176, 0.3531 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

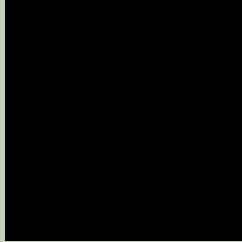
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

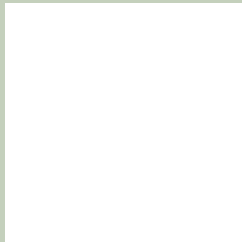
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 60.4784, 0.3176, 0.3531

Background



This preview shows how black text looks on a background with the Yxy color 60.4784, 0.3176, 0.3531.



This preview shows how white text looks on a background with the Yxy color 60.4784, 0.3176, 0.3531.

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

60.4784, 0.3176, 0.3531

Protanopia

60.2541, 0.3322, 0.3489

Deuteranopia

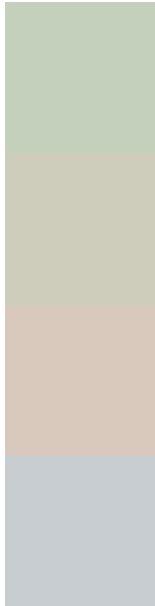
60.3082, 0.3440, 0.3369



Tritanopia

60.2967, 0.2994, 0.3093

Trichromacy



Original Color

60.4784, 0.3176, 0.3531

Protanomaly

60.3723, 0.3264, 0.3503

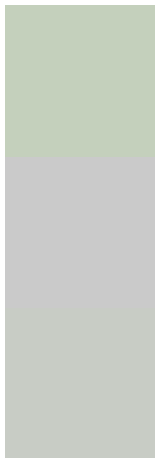
Deuteranomaly

60.1991, 0.3343, 0.3429

Tritanomaly

60.3588, 0.3061, 0.3255

Monochromacy



Original Color

60.4784, 0.3176, 0.3531

Achromatopsia

59.0619, 0.3127, 0.3290

Achromatomaly

59.4963, 0.3146, 0.3373

CSS Examples

Text

The CSS property to change the color of the text to Yxy 60.4784, 0.3176, 0.3531 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(196, 208, 188)` looks like.

```
.text, #text, p{  
    color:rgb(196, 208, 188)  
}
```

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(196, 208, 188) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(196, 208, 188) }
```

Border

The CSS property to change the border of an element to Yxy 60.4784, 0.3176, 0.3531 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(196, 208, 188) }
```

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

```
.border{ border-color:rgb(196, 208, 188) }
```

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

Here you see how a box with a 4 pixel `rgb(196, 208, 188)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(196, 208, 188); -webkit-box-  
shadow:4px 4px 4px 4px rgb(196, 208, 188);  
box-shadow:4px 4px 4px 4px rgb(196, 208,  
188) }
```


Background

The CSS property to change the background color of an element to Yxy 60.4784, 0.3176, 0.3531 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(196, 208, 188) }
```

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

```
.background{ background-color: rgb(196,  
208, 188) }
```

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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