

Converting Colors

Yxy(60.2982, 0.3207, 0.3543)

Have a look what the booklet for
Yxy(60.2982, 0.3207, 0.3543)
contains.

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Color

Yxy(60.1766, 0.3207, 0.3543)

Conversions

Conversions Part 1

Format	Color
Hex	C6CFBA
RGB	198, 207, 186
RGB Percent	78%, 81%, 73%
CMY	0.2234, 0.1882, 0.2706
CMYK	0.04, 0.00, 0.10, 0.19
HSL	86°, 18%, 77%
HSV	86°, 10%, 81%
XYZ	54.4698, 60.1766, 55.2001
YIQ	201.9150, 1.3770, -8.4390

Conversions

Conversions Part 2

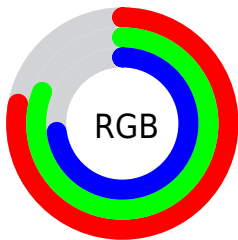
Format	Color
RYB	186, 207, 195
Decimal	13029306
CIELab	81.93, -6.82, 9.38
CIELCh	82, 11.594, 126.012
Yxy	60.1766, 0.3207, 0.3543
Android (android.graphics.Color)	4291219386 (0xFFC6CFBA)
YUV	201.9150, -7.8461, -3.4335
Hunter-Lab	77.5736, -10.4166, 12.1117

Details

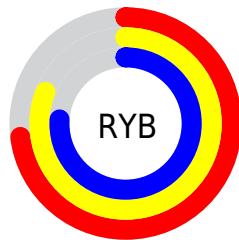
The Yxy color **60.1766, 0.3207, 0.3543** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **51.2231, 0.3041, 0.3035**, and the grayscale version is **59.0600, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.1908, 0.3203, 0.3415**, and **30.4052, 0.3223, 0.3613** is the 20% darker color. If you saturate the color by 10%, you get **58.1943, 0.3285, 0.3811**, and if you desaturate by 10%, it is **62.3619, 0.3128, 0.3293**.

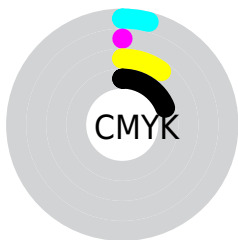
Distribution



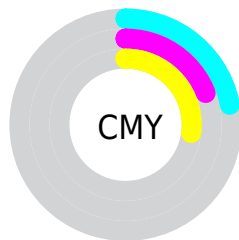
- Red (78%)
- Green (81%)
- Blue (73%)



- Red (73%)
- Yellow (81%)
- Blue (76%)



- Cyan (4%)
- Magenta (0%)
- Yellow (10%)
- Black (19%)




- Cyan (22%)
- Magenta (19%)
- Yellow (27%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 60.1766, 0.3207, 0.3543 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 60.1766, 0.3207, 0.3543 by changing the saturation by 10% instead.


 60.1766, 0.3207,
0.3543

 60.1766, 0.3207,
0.3543

425.2484, 0.3170,
0.3420

 43.5610, 0.3216,
0.3573

 105.0858, 0.3194,
0.3499

 30.3255, 0.3226,
0.3610


134.1482, 0.3189,
0.3483

 20.0858, 0.3240,
0.3659


168.1283, 0.3185,
0.3468

 12.4574, 0.3258,
0.3725

207.4105, 0.3181,
0.3456

 7.0560, 0.3283,
0.3820

252.3792, 0.3177,
0.3445

 3.4972, 0.3318,
0.3967

303.4189, 0.3174,

 1.3965, 0.3383,

0.3436

0.4240

360.9138, 0.3172,
0.3428

0.2141, 0.1477,
0.8523

0.0000, 0.0000,
0.0000

60.1766, 0.3207,
0.3543

60.1766, 0.3207,
0.3543

58.1943, 0.3285,
0.3811

62.3619, 0.3128,
0.3293

56.4004, 0.3360,
0.4094

64.7486, 0.3051,
0.3065

54.7906, 0.3428,
0.4384

67.3453, 0.2978,
0.2857

53.3572, 0.3484,
0.4670

69.2366, 0.2995,
0.2799

■ 52.0920, 0.3523,
0.4942

■ 70.7662, 0.3058,
0.2808

■ 50.9860, 0.3542,
0.5183

■ 72.3716, 0.3121,
0.2817

■ 50.0290, 0.3538,
0.5383

■ 73.1044, 0.3149,
0.2821

■ 49.2090, 0.3510,
0.5531

■ 48.5145, 0.3465,
0.5631

Harmonies

Analogous

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



60.1766, 0.3338, 0.3542



60.1766, 0.3207, 0.3543



60.1766, 0.3057, 0.3471

Triad

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



60.1766, 0.3207, 0.3543



60.1766, 0.2849, 0.3100



60.1766, 0.3328, 0.3230

Complementary

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



60.1766, 0.3207, 0.3543



51.2231, 0.3041, 0.3035

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.



60.1766, 0.3193, 0.3119



60.1766, 0.3207, 0.3543



60.1766, 0.2917, 0.3043

Square

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



60.1766, 0.3207, 0.3543



60.1766, 0.2853, 0.3211



60.1766, 0.3042, 0.3051



60.1766, 0.3410, 0.3359

Rectangle

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



60.1766, 0.3207, 0.3543



60.1766, 0.2967, 0.3392



60.1766, 0.3042, 0.3051



60.1766, 0.3288, 0.3190

Sweetspot

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



60.1792, 0.3207, 0.3543



98.9023, 0.3151, 0.3364



55.7292, 0.3293, 0.3395



21.1075, 0.3157, 0.3384



0.0000, 0.0000, 0.0000



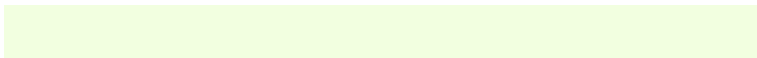
21.4041, 0.3127, 0.3290

Same Dimension

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



60.1792, 0.3207, 0.3543



95.7875, 0.3223, 0.3595



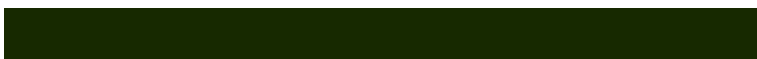
58.8298, 0.3128, 0.3549



13.5356, 0.3201, 0.3524



30.6240, 0.3475, 0.5623



1.7586, 0.3603, 0.5521

Inverse Universe

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



51.2231, 0.3041, 0.3035



78.8330, 0.3022, 0.2982



52.6388, 0.3124, 0.3042



11.6611, 0.3048, 0.3054



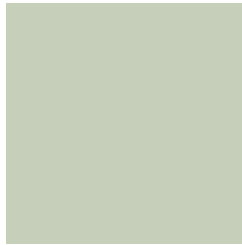
4.2127, 0.1897, 0.0819



0.2819, 0.2106, 0.0934

Previews

White Background



This preview shows how the Yxy color 60.1766, 0.3207, 0.3543 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 60.1766, 0.3207, 0.3543 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

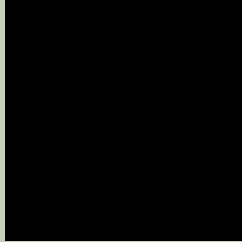
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

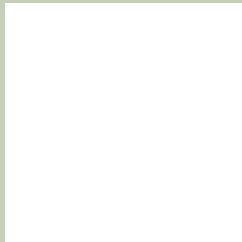
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 60.1766, 0.3207, 0.3543

Background



This preview shows how black text looks on a background with the Yxy color 60.1766, 0.3207, 0.3543.



This preview shows how white text looks on a background with the Yxy color 60.1766, 0.3207, 0.3543.

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

60.1766, 0.3207, 0.3543

Protanopia

60.1696, 0.3337, 0.3513

Deuteranopia

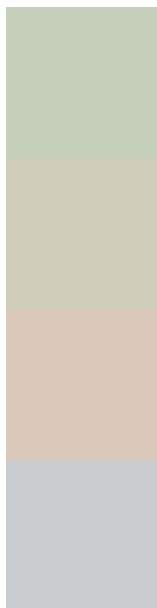
59.7687, 0.3458, 0.3381



Tritanopia

59.9995, 0.3022, 0.3105

Trichromacy



Original Color

60.1766, 0.3207, 0.3543

Protanomaly

59.9539, 0.3288, 0.3515

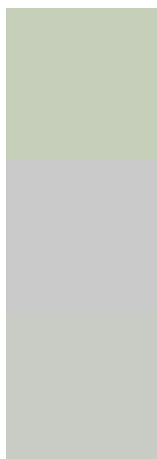
Deuteranomaly

59.8018, 0.3368, 0.3441

Tritanomaly

60.0595, 0.3090, 0.3266

Monochromacy



Original Color

60.1766, 0.3207, 0.3543

Achromatopsia

59.0619, 0.3127, 0.3290

Achromatomaly

59.5888, 0.3161, 0.3385

CSS Examples

Text

The CSS property to change the color of the text to Yxy 60.1766, 0.3207, 0.3543 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, 207, 186)` looks like.

```
.text, #text, p{  
    color:rgb(198, 207, 186)  
}
```

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, 207, 186) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 207, 186) }
```

Border

The CSS property to change the border of an element to Yxy 60.1766, 0.3207, 0.3543 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, 207, 186) }
```

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

```
.border{ border-color:rgb(198, 207, 186) }
```

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

Here you see how a box with a 4 pixel `rgb(198, 207, 186)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(198, 207, 186); -webkit-box-  
shadow:4px 4px 4px 4px rgb(198, 207, 186);  
box-shadow:4px 4px 4px 4px rgb(198, 207,  
186) }
```


Background

The CSS property to change the background color of an element to Yxy 60.1766, 0.3207, 0.3543 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(198, 207, 186) }
```

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

```
.background{ background-color: rgb(198,  
207, 186) }
```

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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