

Converting Colors

$Yxy(59.9228, 0.3165, 0.3307)$

Have a look what the booklet for
Yxy(59.9228, 0.3165, 0.3307)
contains.

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Color

Yxy(60.0507, 0.3165, 0.3314)

Conversions

Conversions Part 1

Format	Color
Hex	CECBC9
RGB	206, 203, 201
RGB Percent	81%, 80%, 79%
CMY	0.1921, 0.2039, 0.2119
CMYK	0.00, 0.01, 0.02, 0.19
HSL	24°, 5%, 80%
HSV	24°, 2%, 81%
XYZ	57.3508, 60.0507, 63.8016
YIQ	203.6690, 2.4300, 0.0140

Conversions

Conversions Part 2

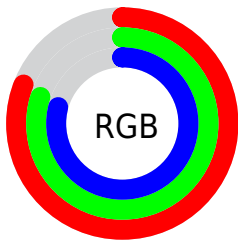
Format	Color
R _Y B	206, 204, 201
Decimal	13552585
CIE Lab	81.87, 0.67, 1.37
CIE LCh	82, 1.530, 63.827
Yxy	60.0507, 0.3165, 0.3314
Android (android.graphics.Color)	4291742665 (0xFFCECBC9)
YUV	203.6690, -1.3158, 2.0443
Hunter-Lab	77.4924, -3.5069, 5.4296

Details

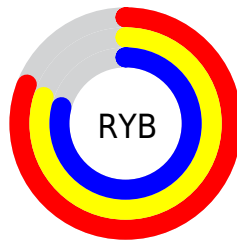
The Yxy color **60.0507, 0.3165, 0.3314** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **60.0398, 0.3090, 0.3266**, and the grayscale version is **60.1721, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **30.2769, 0.3177, 0.3321** is the 20% darker color. If you saturate the color by 10%, you get **53.5821, 0.3335, 0.3416**, and if you desaturate by 10%, it is **67.1128, 0.3019, 0.3219**.

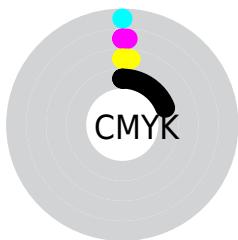
Distribution



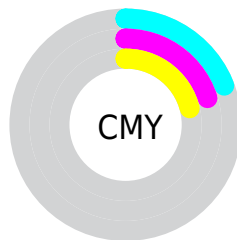
- Red (81%)
- Green (80%)
- Blue (79%)



- Red (81%)
- Yellow (80%)
- Blue (79%)



- Cyan (0%)
- Magenta (1%)
- Yellow (2%)
- Black (19%)



- Cyan (19%)
- Magenta (20%)
- Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 60.0507, 0.3165, 0.3314 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 60.0507, 0.3165, 0.3314 by changing the saturation by 10% instead.

■ 60.0507, 0.3165,
0.3314

■ 60.0507, 0.3165,
0.3314

424.7846, 0.3147,
0.3303

■ 43.4595, 0.3169,
0.3317

104.9032, 0.3159,
0.3310

■ 30.2458, 0.3175,
0.3320

133.9333, 0.3156,
0.3308

■ 20.0252, 0.3182,
0.3324

167.8785, 0.3154,
0.3307

■ 12.4134, 0.3191,
0.3330

207.1232, 0.3152,
0.3306

■ 7.0259, 0.3205,
0.3339

252.0517, 0.3151,
0.3305

■ 3.4783, 0.3225,
0.3351

303.0486, 0.3149,

■ 1.3862, 0.3260,

0.3304

360.4981, 0.3148,
0.3303

0.3373

0.2065, 0.3881,
0.3768

0.0000, 0.0000,
0.0000

60.0507, 0.3165,
0.3314

60.0507, 0.3165,
0.3314

53.5821, 0.3335,
0.3416

67.1128, 0.3019,
0.3219

47.6837, 0.3532,
0.3524

74.7757, 0.2894,
0.3131

42.3414, 0.3760,
0.3635

82.5462, 0.2829,
0.3130

37.5382, 0.4019,
0.3743

90.0054, 0.2836,
0.3259

■ 33.2558, 0.4308,
0.3843

■ 91.8637, 0.2838,
0.3289

■ 29.4748, 0.4620,
0.3923

■ 26.1744, 0.4941,
0.3971

■ 23.3319, 0.5249,
0.3974

■ 20.9221, 0.5520,
0.3925

Harmonies

Analogous

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



60.0507, 0.3164, 0.3299



60.0507, 0.3165, 0.3314



60.0507, 0.3156, 0.3323

Triad

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



60.0507, 0.3165, 0.3314



60.0507, 0.3102, 0.3299



60.0507, 0.3115, 0.3257

Complementary

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



60.0507, 0.3165, 0.3314



60.0398, 0.3090, 0.3266

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.



60.0507, 0.3098, 0.3258



60.0507, 0.3165, 0.3314



60.0507, 0.3091, 0.3282

Square

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



60.0507, 0.3165, 0.3314



60.0507, 0.3120, 0.3315



60.0507, 0.3090, 0.3266



60.0507, 0.3135, 0.3266

Rectangle

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



60.0507, 0.3165, 0.3314



60.0507, 0.3146, 0.3324



60.0507, 0.3090, 0.3266



60.0507, 0.3109, 0.3256

Sweetspot

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



60.0533, 0.3165, 0.3314



98.8720, 0.3143, 0.3300



59.2380, 0.3144, 0.3255



21.1746, 0.3142, 0.3299



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.



60.0533, 0.3165, 0.3314



96.6455, 0.3174, 0.3320



61.2449, 0.3163, 0.3343



12.7374, 0.3186, 0.3327



12.1028, 0.5670, 0.3880



0.7721, 0.5315, 0.4162

Inverse Universe

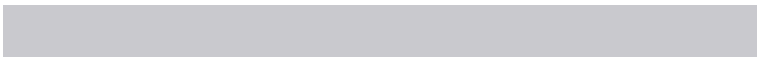
The Inverse Universe completely reimagines the original color for something new.



60.0398, 0.3090, 0.3266



96.6186, 0.3081, 0.3260



58.8599, 0.3091, 0.3236



12.7330, 0.3070, 0.3253



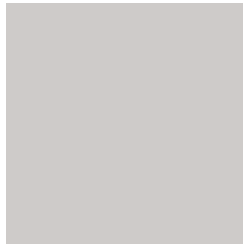
11.6069, 0.1866, 0.1919



0.7453, 0.1949, 0.2215

Previews

White Background



This preview shows how the Yxy color 60.0507, 0.3165, 0.3314 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 60.0507, 0.3165, 0.3314 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

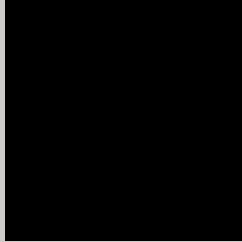
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

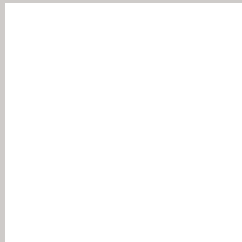
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 60.0507, 0.3165, 0.3314

Background



This preview shows how black text looks on a background with the Yxy color 60.0507, 0.3165, 0.3314.

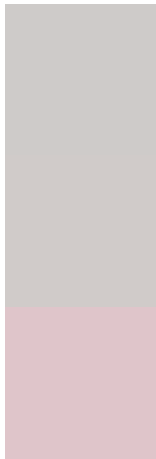


This preview shows how white text looks on a background with the Yxy color 60.0507, 0.3165, 0.3314.

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

60.0507, 0.3165, 0.3314

Protanopia

60.3388, 0.3180, 0.3313

Deuteranopia

59.8847, 0.3298, 0.3234



Tritanopia

60.1411, 0.3074, 0.3118

Trichromacy



Original Color

60.0507, 0.3165, 0.3314

Protanomaly

60.1943, 0.3172, 0.3313

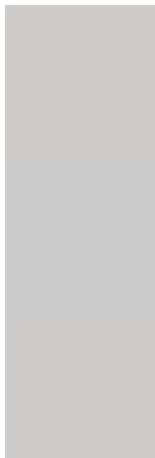
Deuteranomaly

59.8628, 0.3247, 0.3256

Tritanomaly

60.2096, 0.3101, 0.3186

Monochromacy



Original Color

60.0507, 0.3165, 0.3314

Achromatopsia

60.3827, 0.3127, 0.3290

Achromatomaly

60.4767, 0.3142, 0.3302

CSS Examples

Text

The CSS property to change the color of the text to Yxy 60.0507, 0.3165, 0.3314 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(206, 203, 201)` looks like.

```
.text, #text, p{  
    color:rgb(206, 203, 201)  
}
```

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(206, 203, 201) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(206, 203, 201) }
```

Border

The CSS property to change the border of an element to Yxy 60.0507, 0.3165, 0.3314 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(206, 203, 201) }
```

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

```
.border{ border-color:rgb(206, 203, 201) }
```

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

Here you see how a box with a 4 pixel `rgb(206, 203, 201)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(206, 203, 201); -webkit-box-  
shadow:4px 4px 4px 4px rgb(206, 203, 201);  
box-shadow:4px 4px 4px 4px rgb(206, 203,  
201) }
```


Background

The CSS property to change the background color of an element to Yxy 60.0507, 0.3165, 0.3314 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(206, 203, 201) }
```

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

```
.background{ background-color: rgb(206,  
203, 201) }
```

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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