

Converting Colors

Yxy(60.4949, 0.3228, 0.3498)

Have a look what the booklet for
Yxy(60.4949, 0.3228, 0.3498)
contains.

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Color

Yxy(60.5132, 0.3225, 0.3492)

Conversions

Conversions Part 1

Format	Color
Hex	CBCEBD
RGB	203, 206, 189
RGB Percent	80%, 81%, 74%
CMY	0.2039, 0.1921, 0.2587
CMYK	0.01, 0.00, 0.08, 0.19
HSL	71°, 15%, 77%
HSV	71°, 8%, 81%
XYZ	55.8863, 60.5132, 56.8914
YIQ	203.1650, 3.6690, -5.9230

Conversions

Conversions Part 2

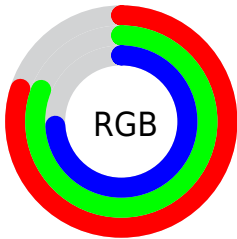
Format	Color
RYB	189, 206, 192
Decimal	13356733
CIELab	82.12, -4.03, 8.08
CIELCh	82, 9.030, 116.524
Yxy	60.5132, 0.3225, 0.3492
Android (android.graphics.Color)	4291546813 (0xFFCCEBD)
YUV	203.1650, -6.9833, -0.1447
Hunter-Lab	77.7902, -7.8943, 11.0918

Details

The Yxy color **60.5132, 0.3225, 0.3492** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **52.0723, 0.3025, 0.3083**, and the grayscale version is **59.8749, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.3726, 0.3185, 0.3386**, and **30.6236, 0.3248, 0.3544** is the 20% darker color. If you saturate the color by 10%, you get **59.1775, 0.3346, 0.3748**, and if you desaturate by 10%, it is **61.9933, 0.3107, 0.3248**.

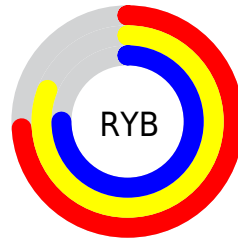
Distribution



Red (80%)

Green (81%)

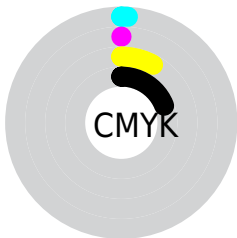
Blue (74%)



Red (74%)

Yellow (81%)

Blue (75%)

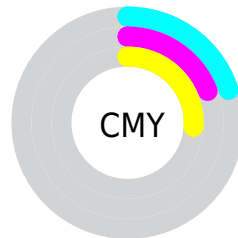


Cyan (1%)

Magenta (0%)

Yellow (8%)

Black (19%)



Cyan (20%)


Magenta (19%)


Yellow (26%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 60.5132, 0.3225, 0.3492 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 60.5132, 0.3225, 0.3492 by changing the saturation by 10% instead.


 60.5132, 0.3225,
0.3492

 60.5132, 0.3225,
0.3492

426.4868, 0.3179,
0.3395

 43.8324, 0.3236,
0.3515

 105.5738, 0.3209,
0.3457

 30.5388, 0.3250,
0.3545


134.7224, 0.3202,
0.3444

 20.2479, 0.3267,
0.3583

168.7957, 0.3197,
0.3433

 12.5754, 0.3290,
0.3635

208.1781, 0.3192,
0.3423

 7.1368, 0.3323,
0.3708

253.2540, 0.3188,
0.3415

 3.5478, 0.3371,
0.3822

304.4079, 0.3185,

 1.4240, 0.3452,

0.3407

0.4020

362.0240, 0.3181,
0.3401

0.2343, 0.3465,
0.6535

0.0000, 0.0000,
0.0000

60.5132, 0.3225,
0.3492

60.5132, 0.3225,
0.3492

59.1775, 0.3346,
0.3748

61.9933, 0.3107,
0.3248

57.9728, 0.3465,
0.4010

63.6151, 0.2993,
0.3020

56.8961, 0.3579,
0.4272

65.3858, 0.2886,
0.2809

55.9411, 0.3682,
0.4523

66.2067, 0.2885,
0.2772

■ 55.1009, 0.3769,
0.4752

■ 66.7739, 0.2910,
0.2775

■ 54.3681, 0.3835,
0.4950

■ 67.3536, 0.2935,
0.2779

■ 53.7340, 0.3876,
0.5108

■ 67.9458, 0.2961,
0.2783

■ 53.1887, 0.3892,
0.5220

■ 68.5507, 0.2986,
0.2787

■ 52.7170, 0.3884,
0.5290

■ 69.1681, 0.3012,
0.2791

Harmonies

Analogous

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



60.5132, 0.3315, 0.3475



60.5132, 0.3225, 0.3492



60.5132, 0.3110, 0.3453

Triad

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



60.5132, 0.3225, 0.3492



60.5132, 0.2905, 0.3166



60.5132, 0.3254, 0.3213

Complementary

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



60.5132, 0.3225, 0.3492



52.0723, 0.3025, 0.3083

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.



60.5132, 0.3142, 0.3135



60.5132, 0.3225, 0.3492



60.5132, 0.2941, 0.3106

Square

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



60.5132, 0.3225, 0.3492



60.5132, 0.2926, 0.3262



60.5132, 0.3027, 0.3096



60.5132, 0.3332, 0.3313

Rectangle

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



60.5132, 0.3225, 0.3492



60.5132, 0.3034, 0.3400



60.5132, 0.3027, 0.3096



60.5132, 0.3219, 0.3184

Sweetspot

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



60.5158, 0.3225, 0.3492



99.5050, 0.3151, 0.3339



54.4326, 0.3265, 0.3324



21.3034, 0.3150, 0.3336



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.



60.5158, 0.3225, 0.3492



97.6187, 0.3248, 0.3539



59.3797, 0.3161, 0.3496



12.9923, 0.3239, 0.3521



32.4493, 0.3886, 0.5296



1.7010, 0.3950, 0.5246

Inverse Universe

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



52.0723, 0.3025, 0.3083



81.0308, 0.2999, 0.3033



53.1886, 0.3091, 0.3087



10.9379, 0.3009, 0.3052



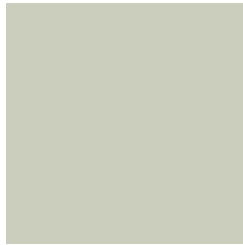
3.0104, 0.1585, 0.0647



0.1853, 0.1761, 0.0744

Previews

White Background



This preview shows how the Yxy color 60.5132, 0.3225, 0.3492 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 60.5132, 0.3225, 0.3492 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

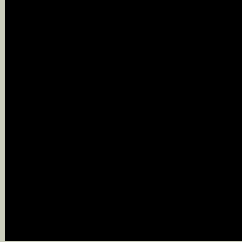
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

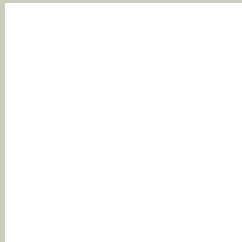
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 60.5132, 0.3225, 0.3492

Background



This preview shows how black text looks on a background with the Yxy color 60.5132, 0.3225, 0.3492.



This preview shows how white text looks on a background with the Yxy color 60.5132, 0.3225, 0.3492.

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

60.5132, 0.3225, 0.3492

Protanopia

60.3398, 0.3307, 0.3466

Deuteranopia

60.3521, 0.3432, 0.3358



Tritanopia

60.5684, 0.3052, 0.3107

Trichromacy



Original Color

60.5132, 0.3225, 0.3492

Protanomaly

60.3719, 0.3282, 0.3478

Deuteranomaly

60.2419, 0.3361, 0.3405

Tritanomaly

60.3387, 0.3122, 0.3244

Monochromacy



Original Color

60.5132, 0.3225, 0.3492

Achromatopsia

59.7202, 0.3127, 0.3290

Achromatomaly

59.9595, 0.3162, 0.3361

CSS Examples

Text

The CSS property to change the color of the text to Yxy 60.5132, 0.3225, 0.3492 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(203, 206, 189)` looks like.

```
.text, #text, p{  
    color:rgb(203, 206, 189)  
}
```

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(203, 206, 189) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(203, 206, 189) }
```

Border

The CSS property to change the border of an element to Yxy 60.5132, 0.3225, 0.3492 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(203, 206, 189) }
```

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

```
.border{ border-color:rgb(203, 206, 189) }
```

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

Here you see how a box with a 4 pixel `rgb(203, 206, 189)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(203, 206, 189); -webkit-box-shadow:4px 4px 4px 4px rgb(203, 206, 189); box-shadow:4px 4px 4px 4px rgb(203, 206, 189) }
```


Background

The CSS property to change the background color of an element to Yxy 60.5132, 0.3225, 0.3492 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(203, 206, 189) }
```

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

```
.background{ background-color: rgb(203,  
206, 189) }
```

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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