

Converting Colors

Yxy(60.9532, 0.3278, 0.3526)

Have a look what the booklet for
Yxy(60.9532, 0.3278, 0.3526)
contains.

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Color

Yxy(60.9532, 0.3278, 0.3526)

Conversions

Conversions Part 1

Format	Color
Hex	CFCEBA
RGB	207, 206, 186
RGB Percent	81%, 81%, 73%
CMY	0.1883, 0.1921, 0.2705
CMYK	0.00, 0.00, 0.10, 0.19
HSL	57°, 18%, 77%
HSV	57°, 10%, 81%
XYZ	56.6661, 60.9532, 55.2486
YIQ	204.0190, 7.0160, -6.0080

Conversions

Conversions Part 2

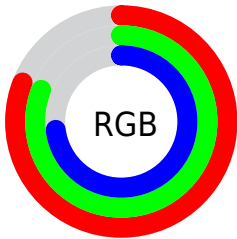
Format	Color
RYB	187, 207, 186
Decimal	13618874
CIELab	82.35, -3.12, 10.05
CIELCh	82, 10.526, 107.219
Yxy	60.9532, 0.3278, 0.3526
Android (android.graphics.Color)	4291808954 (0xFFCFCEBA)
YUV	204.0190, -8.8834, 2.6143
Hunter-Lab	78.0725, -7.0693, 12.6938

Details

The Yxy color **60.9532, 0.3278, 0.3526** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **50.4926, 0.2970, 0.3043**, and the grayscale version is **60.4516, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.1908, 0.3203, 0.3415**, and **30.9222, 0.3319, 0.3588** is the 20% darker color. If you saturate the color by 10%, you get **59.6728, 0.3432, 0.3766**, and if you desaturate by 10%, it is **62.3693, 0.3129, 0.3293**.

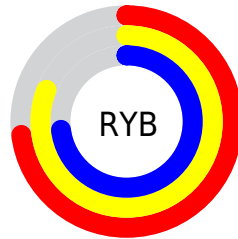
Distribution



Red (81%)

Green (81%)

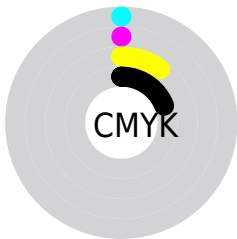
Blue (73%)



Red (73%)

Yellow (81%)

Blue (73%)

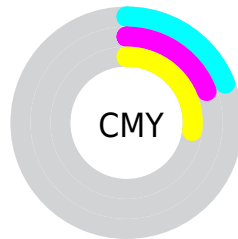


Cyan (0%)

Magenta (0%)

Yellow (10%)

Black (19%)



Cyan (19%)


Magenta (19%)


Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 60.9532, 0.3278, 0.3526 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 60.9532, 0.3278, 0.3526 by changing the saturation by 10% instead.


 60.9532, 0.3278,
0.3526

 60.9532, 0.3278,
0.3526

428.1024, 0.3206,
0.3413

 44.1874, 0.3295,
0.3553

 106.2112, 0.3253,
0.3486

 30.8179, 0.3316,
0.3587


135.4721, 0.3243,
0.3470

 20.4602, 0.3343,
0.3631


169.6669, 0.3235,
0.3457

 12.7300, 0.3379,
0.3691

209.1800, 0.3228,
0.3446

 7.2429, 0.3430,
0.3775

254.3956, 0.3221,
0.3436

 3.6145, 0.3505,
0.3904

305.6983, 0.3216,

 1.4603, 0.3638,

0.3427

0.4136

363.4725, 0.3211,
0.3419

0.2606, 0.3971,
0.6029

0.0000, 0.0000,
0.0000

60.9532, 0.3278,
0.3526

60.9532, 0.3278,
0.3526

59.6728, 0.3432,
0.3766

62.3693, 0.3129,
0.3293

58.5147, 0.3588,
0.4005

63.9183, 0.2988,
0.3071

57.4757, 0.3740,
0.4236

65.6077, 0.2856,
0.2862

56.5495, 0.3882,
0.4449

66.5194, 0.2816,
0.2804

■ 55.7290, 0.4009,
0.4635

■ 66.9992, 0.2816,
0.2815

■ 55.0067, 0.4114,
0.4785

■ 67.4818, 0.2817,
0.2825

■ 54.3736, 0.4194,
0.4893

■ 67.9674, 0.2817,
0.2836

■ 53.8193, 0.4247,
0.4957

■ 68.4558, 0.2818,
0.2847

■ 53.3303, 0.4278,
0.4985

■ 68.9472, 0.2819,
0.2857

Harmonies

Analogous

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



60.9532, 0.3368, 0.3485



60.9532, 0.3278, 0.3526



60.9532, 0.3149, 0.3501

Triad

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



60.9532, 0.3278, 0.3526



60.9532, 0.2869, 0.3177



60.9532, 0.3236, 0.3169

Complementary

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



60.9532, 0.3278, 0.3526



50.4926, 0.2970, 0.3043

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.



60.9532, 0.3101, 0.3090



60.9532, 0.3278, 0.3526



60.9532, 0.2891, 0.3092

Square

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



60.9532, 0.3278, 0.3526



60.9532, 0.2915, 0.3296



60.9532, 0.2975, 0.3062



60.9532, 0.3344, 0.3279

Rectangle

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



60.9532, 0.3278, 0.3526



60.9532, 0.3059, 0.3450



60.9532, 0.2975, 0.3062



60.9532, 0.3192, 0.3138

Sweetspot

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



60.9559, 0.3278, 0.3526



99.2887, 0.3172, 0.3360



51.9852, 0.3296, 0.3278



21.2119, 0.3184, 0.3379



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.



60.9559, 0.3278, 0.3526



97.2727, 0.3309, 0.3574



60.1119, 0.3203, 0.3543



13.6987, 0.3267, 0.3509



33.6449, 0.4277, 0.4986



1.9111, 0.4260, 0.5000

Inverse Universe

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



50.4926, 0.2970, 0.3043



77.4332, 0.2936, 0.2989



51.2983, 0.3045, 0.3036



11.5052, 0.2982, 0.3061



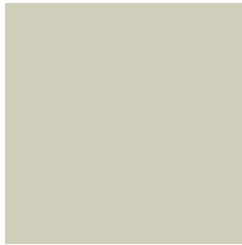
3.0094, 0.1509, 0.0632



0.2002, 0.1538, 0.0738

Previews

White Background



This preview shows how the Yxy color 60.9532, 0.3278, 0.3526 looks on a white background.

Color Contrast Check

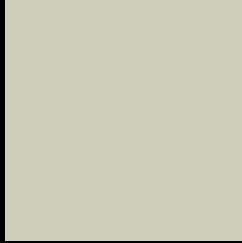
Large Text (above 18pt) WCAG AA × Fail

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 60.9532, 0.3278, 0.3526 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

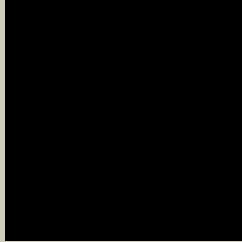
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

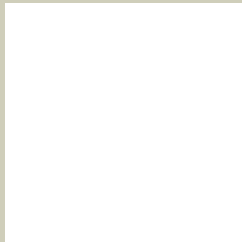
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 60.9532, 0.3278, 0.3526

Background



This preview shows how black text looks on a background with the Yxy color 60.9532, 0.3278, 0.3526.



This preview shows how white text looks on a background with the Yxy color 60.9532, 0.3278, 0.3526.

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

60.9532, 0.3278, 0.3526

Protanopia

60.8346, 0.3336, 0.3512

Deuteranopia

61.0079, 0.3470, 0.3402



Tritanopia

60.6319, 0.3090, 0.3108

Trichromacy



Original Color

60.9532, 0.3278, 0.3526

Protanomaly

61.0143, 0.3319, 0.3525

Deuteranomaly

60.8907, 0.3399, 0.3450

Tritanomaly

60.8697, 0.3160, 0.3256

Monochromacy



Original Color

60.9532, 0.3278, 0.3526

Achromatopsia

60.3827, 0.3127, 0.3290

Achromatomaly

60.6730, 0.3184, 0.3384

CSS Examples

Text

The CSS property to change the color of the text to Yxy 60.9532, 0.3278, 0.3526 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(207, 206, 186)` looks like.

```
.text, #text, p{  
    color:rgb(207, 206, 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(207, 206, 186) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(207, 206, 186) }
```

Border

The CSS property to change the border of an element to Yxy 60.9532, 0.3278, 0.3526 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(207, 206, 186) }
```

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

```
.border{ border-color:rgb(207, 206, 186) }
```

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

Here you see how a box with a 4 pixel `rgb(207, 206, 186)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(207, 206, 186); -webkit-box-  
shadow:4px 4px 4px 4px rgb(207, 206, 186);  
box-shadow:4px 4px 4px 4px rgb(207, 206,  
186) }
```


Background

The CSS property to change the background color of an element to Yxy 60.9532, 0.3278, 0.3526 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(207, 206, 186) }
```

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

```
.background{ background-color: rgb(207,  
206, 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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