

Converting Colors

Yxy(60.6105, 0.3277, 0.3528)

Have a look what the booklet for
Yxy(60.6105, 0.3277, 0.3528)
contains.

Yxy(60.7672, 0.3278, 0.3539)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(60.7672, 0.3278, 0.3539)

Conversions

Conversions Part 1

Format	Color
Hex	CECEB9
RGB	206, 206, 185
RGB Percent	81%, 81%, 73%
CMY	0.1921, 0.1922, 0.2746
CMYK	0.00, 0.00, 0.10, 0.19
HSL	60°, 18%, 77%
HSV	60°, 10%, 81%
XYZ	56.2856, 60.7672, 54.6544
YIQ	203.6060, 6.7410, -6.5310

Conversions

Conversions Part 2

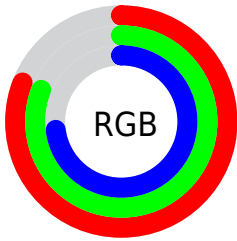
Format	Color
RYB	185, 206, 185
Decimal	13553337
CIELab	82.25, -3.63, 10.46
CIELCh	82, 11.067, 109.137
Yxy	60.7672, 0.3278, 0.3539
Android (android.graphics.Color)	4291743417 (0xFFCECEB9)
YUV	203.6060, -9.1728, 2.0995
Hunter-Lab	77.9533, -7.5337, 12.9981

Details

The Yxy color **60.7672, 0.3278, 0.3539** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **49.4741, 0.2969, 0.3028**, and the grayscale version is **60.1806, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.1309, 0.3209, 0.3425**, and **30.7978, 0.3318, 0.3605** is the 20% darker color. If you saturate the color by 10%, you get **59.9499, 0.3429, 0.3789**, and if you desaturate by 10%, it is **61.7159, 0.3130, 0.3295**.

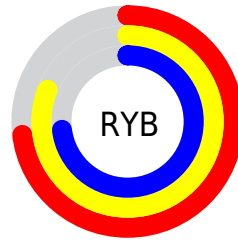
Distribution



Red (81%)

Green (81%)

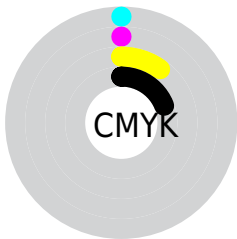
Blue (73%)



Red (73%)

Yellow (81%)

Blue (73%)

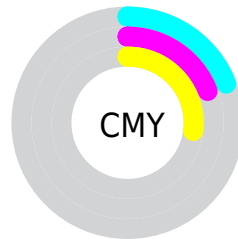


Cyan (0%)

Magenta (0%)

Yellow (10%)

Black (19%)



Cyan (19%)


Magenta (19%)


Yellow (27%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 60.7672, 0.3278, 0.3539 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 60.7672, 0.3278, 0.3539 by changing the saturation by 10% instead.


 60.7672, 0.3278,
0.3539

 60.7672, 0.3278,
0.3539


427.4199, 0.3206,
0.3419

 44.0373, 0.3295,
0.3568


 105.9418, 0.3253,
0.3496

 30.6998, 0.3316,
0.3604


135.1553, 0.3243,
0.3480

 20.3704, 0.3343,
0.3650


169.2988, 0.3235,
0.3466

 12.6646, 0.3379,
0.3714

208.7566, 0.3228,
0.3454

 7.1980, 0.3429,
0.3803

253.9133, 0.3221,
0.3444

 3.5862, 0.3503,
0.3940

305.1531, 0.3216,

 1.4449, 0.3641,

0.3435

0.4194

362.8605, 0.3211,
0.3426

0.2495, 0.3732,
0.6268

0.0000, 0.0000,
0.0000

60.7672, 0.3278,
0.3539

60.7672, 0.3278,
0.3539

59.9499, 0.3429,
0.3789

61.7159, 0.3130,
0.3295

59.2506, 0.3580,
0.4037

62.7931, 0.2989,
0.3062

58.6662, 0.3725,
0.4276

64.0063, 0.2857,
0.2843

58.1905, 0.3858,
0.4495

64.5355, 0.2807,
0.2761

■ 57.8165, 0.3973,
0.4686

■ 64.5475, 0.2807,
0.2761

■ 57.5367, 0.4066,
0.4839

■ 64.5594, 0.2807,
0.2761

■ 57.3423, 0.4133,
0.4950

■ 64.5714, 0.2807,
0.2762

■ 57.2229, 0.4175,
0.5018

■ 64.5834, 0.2807,
0.2762

■ 57.1601, 0.4195,
0.5051

■ 64.5954, 0.2807,
0.2762

Harmonies

Analogous

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



60.7672, 0.3376, 0.3500



60.7672, 0.3278, 0.3539



60.7672, 0.3141, 0.3508

Triad

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



60.7672, 0.3278, 0.3539



60.7672, 0.2855, 0.3164



60.7672, 0.3250, 0.3169

Complementary

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



60.7672, 0.3278, 0.3539



49.4741, 0.2969, 0.3028

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.



60.7672, 0.3109, 0.3084



60.7672, 0.3278, 0.3539



60.7672, 0.2883, 0.3078

Square

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



60.7672, 0.3278, 0.3539



60.7672, 0.2899, 0.3287



60.7672, 0.2974, 0.3050



60.7672, 0.3361, 0.3286

Rectangle

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



60.7672, 0.3278, 0.3539



60.7672, 0.3046, 0.3452



60.7672, 0.2974, 0.3050



60.7672, 0.3205, 0.3136

Sweetspot

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



60.7699, 0.3278, 0.3539



99.5111, 0.3171, 0.3363



51.3356, 0.3303, 0.3286



21.2722, 0.3183, 0.3383



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.



60.7699, 0.3278, 0.3539



98.1600, 0.3307, 0.3587



59.3734, 0.3198, 0.3545



13.0943, 0.3266, 0.3519



35.1891, 0.4195, 0.5051



1.8161, 0.4195, 0.5051

Inverse Universe

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



49.4741, 0.2969, 0.3028



76.6778, 0.2936, 0.2974



50.7735, 0.3050, 0.3034



10.8461, 0.2982, 0.3051



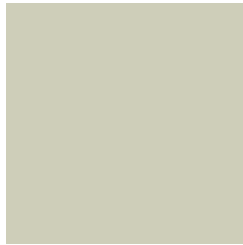
2.7484, 0.1500, 0.0601



0.1426, 0.1501, 0.0604

Previews

White Background



This preview shows how the Yxy color 60.7672, 0.3278, 0.3539 looks on a white background.

Color Contrast Check

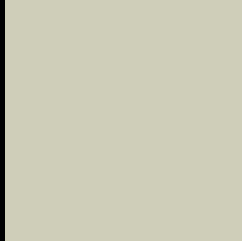
Large Text (above 18pt) WCAG AA × Fail

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 60.7672, 0.3278, 0.3539 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

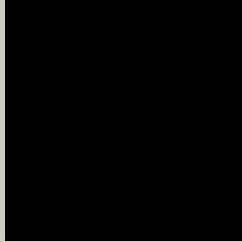
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

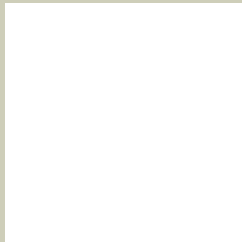
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 60.7672, 0.3278, 0.3539

Background



This preview shows how black text looks on a background with the Yxy color 60.7672, 0.3278, 0.3539.



This preview shows how white text looks on a background with the Yxy color 60.7672, 0.3278, 0.3539.

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

60.7672, 0.3278, 0.3539

Protanopia

60.7926, 0.3344, 0.3524

Deuteranopia

60.5093, 0.3480, 0.3403



Tritanopia

60.6319, 0.3090, 0.3108

Trichromacy



Original Color

60.7672, 0.3278, 0.3539

Protanomaly

60.8250, 0.3318, 0.3537

Deuteranomaly

60.3833, 0.3408, 0.3451

Tritanomaly

60.6750, 0.3159, 0.3267

Monochromacy



Original Color

60.7672, 0.3278, 0.3539

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 60.7672, 0.3278, 0.3539 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, 206, 185)` looks like.

```
.text, #text, p{  
    color:rgb(206, 206, 185)  
}
```

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, 206, 185) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(206, 206, 185) }
```

Border

The CSS property to change the border of an element to Yxy 60.7672, 0.3278, 0.3539 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, 206, 185) }
```

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

```
.border{ border-color:rgb(206, 206, 185) }
```

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

Here you see how a box with a 4 pixel `rgb(206, 206, 185)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(206, 206, 185); -webkit-box-shadow:4px 4px 4px 4px rgb(206, 206, 185); box-shadow:4px 4px 4px 4px rgb(206, 206, 185) }
```


Background

The CSS property to change the background color of an element to Yxy 60.7672, 0.3278, 0.3539 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(206, 206, 185) }
```

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

```
.background{ background-color: rgb(206,  
206, 185) }
```

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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