

Converting Colors

Yxy(57.7672, 0.3153, 0.3334)

Have a look what the booklet for
Yxy(57.7672, 0.3153, 0.3334)
contains.

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Color

Yxy(57.6191, 0.3149, 0.3326)

Conversions

Conversions Part 1

Format	Color
Hex	C8C8C5
RGB	200, 200, 197
RGB Percent	78%, 78%, 77%
CMY	0.2157, 0.2157, 0.2275
CMYK	0.00, 0.00, 0.02, 0.22
HSL	60°, 3%, 78%
HSV	60°, 2%, 78%
XYZ	54.5528, 57.6191, 61.0665
YIQ	199.6580, 0.9630, -0.9330

Conversions

Conversions Part 2

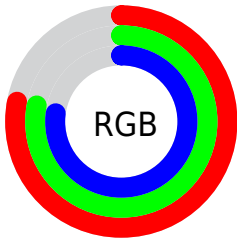
Format	Color
RYB	197, 200, 197
Decimal	13158597
CIELab	80.53, -0.54, 1.49
CIElCh	81, 1.585, 109.868
Yxy	57.6191, 0.3149, 0.3326
Android (android.graphics.Color)	4291348677 (0xFFC8C8C5)
YUV	199.6580, -1.3104, 0.2999
Hunter-Lab	75.9072, -4.5539, 5.4369

Details

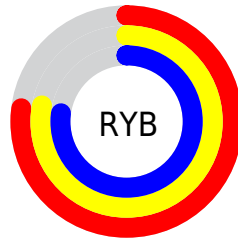
The Yxy color **57.6191, 0.3149, 0.3326** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **55.9739, 0.3105, 0.3254**, and the grayscale version is **57.5472, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.9358, 0.3133, 0.3300**, and **28.6519, 0.3156, 0.3338** is the 20% darker color. If you saturate the color by 10%, you get **56.7462, 0.3297, 0.3570**, and if you desaturate by 10%, it is **58.6187, 0.3007, 0.3092**.

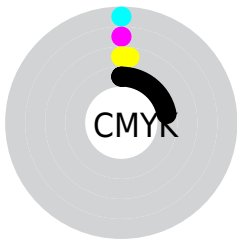
Distribution



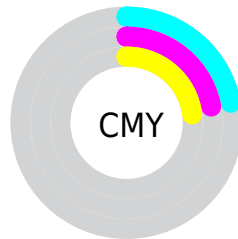
- Red (78%)
- Green (78%)
- Blue (77%)



- Red (77%)
- Yellow (78%)
- Blue (77%)



- Cyan (0%)
- Magenta (0%)
- Yellow (2%)
- Black (22%)



- Cyan (22%)
- Magenta (22%)
- Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 57.6191, 0.3149, 0.3326 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 57.6191, 0.3149, 0.3326 by changing the saturation by 10% instead.

■ 57.6191, 0.3149,
0.3326

■ 57.6191, 0.3149,
0.3326

415.7651, 0.3139,
0.3309

■ 41.5025, 0.3152,
0.3330

101.3680, 0.3145,
0.3320

■ 28.7119, 0.3155,
0.3335

129.7690, 0.3144,
0.3318

■ 18.8630, 0.3159,
0.3342

163.0337, 0.3143,
0.3316

■ 11.5713, 0.3164,
0.3351

201.5464, 0.3142,
0.3314

■ 6.4525, 0.3172,
0.3365

245.6915, 0.3141,
0.3312

■ 3.1221, 0.3185,
0.3385

295.8534, 0.3140,

■ 1.1958, 0.3206,

0.3311

352.4165, 0.3139,
0.3310

0.3421

0.0583, 0.4202,
0.5798

0.0000, 0.0000,
0.0000

57.6191, 0.3149,
0.3326

57.6191, 0.3149,
0.3326

56.7462, 0.3297,
0.3570

58.6187, 0.3007,
0.3092

55.9877, 0.3448,
0.3820

59.7419, 0.2874,
0.2872

55.3410, 0.3598,
0.4067

60.8661, 0.2762,
0.2687

54.8007, 0.3742,
0.4303

60.8846, 0.2762,
0.2688

■ 54.3610, 0.3873,
0.4519

■ 60.9031, 0.2762,
0.2688

■ 54.0153, 0.3986,
0.4705

■ 60.9217, 0.2762,
0.2689

■ 53.7564, 0.4076,
0.4853

■ 60.9402, 0.2762,
0.2689

■ 53.5761, 0.4141,
0.4959

■ 60.9587, 0.2762,
0.2690

■ 53.4646, 0.4179,
0.5022

■ 60.9773, 0.2762,
0.2690

Harmonies

Analogous

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



57.6191, 0.3163, 0.3321



57.6191, 0.3149, 0.3326



57.6191, 0.3129, 0.3321

Triad

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



57.6191, 0.3149, 0.3326



57.6191, 0.3087, 0.3272



57.6191, 0.3146, 0.3273

Complementary

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



57.6191, 0.3149, 0.3326



55.9739, 0.3105, 0.3254

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.



57.6191, 0.3125, 0.3260



57.6191, 0.3149, 0.3326



57.6191, 0.3091, 0.3259

Square

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



57.6191, 0.3149, 0.3326



57.6191, 0.3093, 0.3290



57.6191, 0.3105, 0.3255



57.6191, 0.3161, 0.3291

Rectangle

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



57.6191, 0.3149, 0.3326



57.6191, 0.3115, 0.3313



57.6191, 0.3105, 0.3255



57.6191, 0.3139, 0.3268

Sweetspot

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



57.6216, 0.3149, 0.3326

100.0000, 0.3127, 0.3290



56.2447, 0.3151, 0.3289



21.4041, 0.3127, 0.3290



0.0000, 0.0000, 0.0000

Same Dimension

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



57.6216, 0.3149, 0.3326



99.6694, 0.3157, 0.3339



57.4248, 0.3138, 0.3326



12.5582, 0.3154, 0.3335



33.9573, 0.4197, 0.5050



1.6091, 0.4196, 0.5050

Inverse Universe

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



55.9739, 0.3105, 0.3254



95.8409, 0.3097, 0.3241



56.1687, 0.3117, 0.3254



12.1118, 0.3100, 0.3245



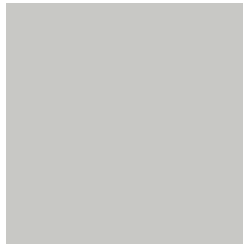
2.6586, 0.1501, 0.0602



0.1271, 0.1502, 0.0607

Previews

White Background



This preview shows how the Yxy color 57.6191, 0.3149, 0.3326 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 57.6191, 0.3149, 0.3326 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

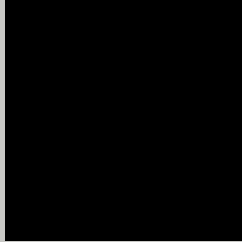
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

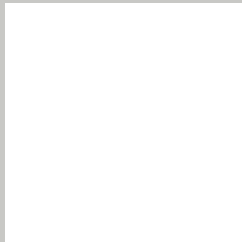
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 57.6191, 0.3149, 0.3326

Background



This preview shows how black text looks on a background with the Yxy color 57.6191, 0.3149, 0.3326.



This preview shows how white text looks on a background with the Yxy color 57.6191, 0.3149, 0.3326.

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

57.6191, 0.3149, 0.3326

Protanopia

57.6697, 0.3189, 0.3326

Deuteranopia

57.2772, 0.3301, 0.3233



Tritanopia

57.7488, 0.3050, 0.3114

Trichromacy



Original Color

57.6191, 0.3149, 0.3326

Protanomaly

57.5289, 0.3181, 0.3326

Deuteranomaly

57.5541, 0.3240, 0.3267

Tritanomaly

57.7693, 0.3085, 0.3195

Monochromacy



Original Color

57.6191, 0.3149, 0.3326

Achromatopsia

57.7580, 0.3127, 0.3290

Achromatomaly

57.7114, 0.3134, 0.3302

CSS Examples

Text

The CSS property to change the color of the text to Yxy 57.6191, 0.3149, 0.3326 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(200, 200, 197)` looks like.

```
.text, #text, p{  
    color:rgb(200, 200, 197)  
}
```

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(200, 200, 197) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(200, 200, 197) }
```

Border

The CSS property to change the border of an element to Yxy 57.6191, 0.3149, 0.3326 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(200, 200, 197) }
```

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

```
.border{ border-color:rgb(200, 200, 197) }
```

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

Here you see how a box with a 4 pixel `rgb(200, 200, 197)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(200, 200, 197); -webkit-box-  
shadow:4px 4px 4px 4px rgb(200, 200, 197);  
box-shadow:4px 4px 4px 4px rgb(200, 200,  
197) }
```

Background

The CSS property to change the background color of an element to Yxy 57.6191, 0.3149, 0.3326 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(200, 200, 197) }
```

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

```
.background{ background-color: rgb(200,  
200, 197) }
```

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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