

Converting Colors

Yxy(56.6612, 0.3199, 0.3408)

Have a look what the booklet for
Yxy(56.6612, 0.3199, 0.3408)
contains.

Yxy(56.6631, 0.3201, 0.3411)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(56.6631, 0.3201, 0.3411)

Conversions

Conversions Part 1

Format	Color
Hex	C7C7BD
RGB	199, 199, 189
RGB Percent	78%, 78%, 74%
CMY	0.2194, 0.2197, 0.2588
CMYK	0.00, 0.00, 0.05, 0.22
HSL	60°, 8%, 76%
HSV	60°, 5%, 78%
XYZ	53.1746, 56.6631, 56.2810
YIQ	197.8600, 3.2100, -3.1100

Conversions

Conversions Part 2

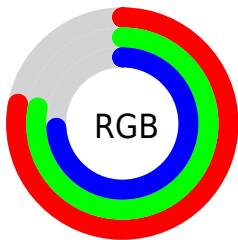
Format	Color
R _Y B	189, 199, 189
Decimal	13092797
CIE Lab	79.99, -1.75, 4.99
CIE LCh	80, 5.290, 109.360
Yxy	56.6631, 0.3201, 0.3411
Android (android.graphics.Color)	4291282877 (0xFFC7C7BD)
YUV	197.8600, -4.3680, 0.9998
Hunter-Lab	75.2749, -5.6377, 8.3629

Details

The Yxy color **56.6631, 0.3201, 0.3411** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **51.3771, 0.3052, 0.3166**, and the grayscale version is **56.4145, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.3726, 0.3185, 0.3386**, and **28.0481, 0.3216, 0.3437** is the 20% darker color. If you saturate the color by 10%, you get **55.7888, 0.3351, 0.3657**, and if you desaturate by 10%, it is **57.6610, 0.3057, 0.3174**.

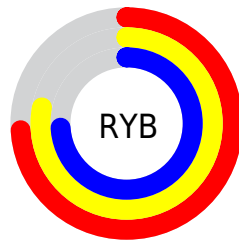
Distribution



Red (78%)

Green (78%)

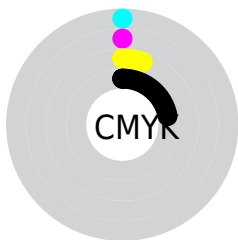
Blue (74%)



Red (74%)

Yellow (78%)

Blue (74%)

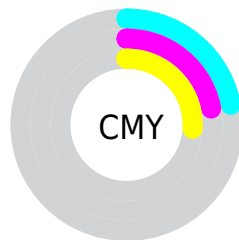


Cyan (0%)

Magenta (0%)

Yellow (5%)

Black (22%)



Cyan (22%)

Magenta (22%)

Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 56.6631, 0.3201, 0.3411 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 56.6631, 0.3201, 0.3411 by changing the saturation by 10% instead.

■ 56.6631, 0.3201,
0.3411

■ 56.6631, 0.3201,
0.3411

412.1857, 0.3165,
0.3352

■ 40.7348, 0.3210,
0.3425

■ 99.9734, 0.3188,
0.3390

■ 28.1119, 0.3220,
0.3443

128.1243, 0.3184,
0.3382

■ 18.4101, 0.3234,
0.3467

161.1181, 0.3179,
0.3375

■ 11.2448, 0.3253,
0.3498

199.3393, 0.3176,
0.3369

■ 6.2317, 0.3280,
0.3544

243.1723, 0.3173,
0.3364

■ 2.9865, 0.3322,
0.3616

293.0014, 0.3170,

■ 1.1247, 0.3399,

0.3360

0.3750

349.2111, 0.3168,
0.3356

0.0000, 0.0000,
0.0000

56.6631, 0.3201,
0.3411

56.6631, 0.3201,
0.3411

55.7888, 0.3351,
0.3657

57.6610, 0.3057,
0.3174

55.0260, 0.3503,
0.3905

58.7797, 0.2920,
0.2950

54.3720, 0.3652,
0.4148

60.0260, 0.2793,
0.2742

53.8213, 0.3792,
0.4377

60.4946, 0.2755,
0.2681

53.3678, 0.3919,
0.4583

60.5656, 0.2755,
0.2682

■ 53.0050, 0.4026,
0.4755

■ 60.6367, 0.2756,
0.2684

■ 52.7254, 0.4108,
0.4888

■ 60.7079, 0.2756,
0.2686

■ 52.5203, 0.4165,
0.4979

■ 60.7791, 0.2756,
0.2687

■ 52.3793, 0.4197,
0.5027

■ 60.8504, 0.2756,
0.2689

Harmonies

Analogous

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



56.6631, 0.3249, 0.3394



56.6631, 0.3201, 0.3411



56.6631, 0.3134, 0.3395

Triad

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



56.6631, 0.3201, 0.3411



56.6631, 0.2993, 0.3229



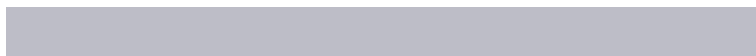
56.6631, 0.3188, 0.3231

Complementary

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



56.6631, 0.3201, 0.3411



51.3771, 0.3052, 0.3166

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.



56.6631, 0.3119, 0.3188



56.6631, 0.3201, 0.3411



56.6631, 0.3007, 0.3186

Square

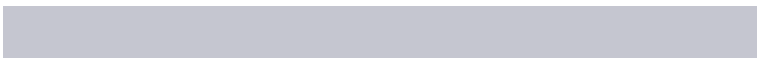
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



56.6631, 0.3201, 0.3411



56.6631, 0.3014, 0.3289



56.6631, 0.3053, 0.3172



56.6631, 0.3241, 0.3290

Rectangle

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



56.6631, 0.3201, 0.3411



56.6631, 0.3088, 0.3368



56.6631, 0.3053, 0.3172



56.6631, 0.3166, 0.3214

Sweetspot

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



56.6656, 0.3201, 0.3411



99.6507, 0.3157, 0.3338



52.2301, 0.3209, 0.3288



21.3330, 0.3155, 0.3336



0.0000, 0.0000, 0.0000



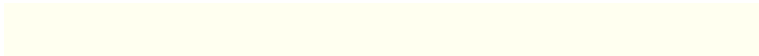
21.4041, 0.3127, 0.3290

Same Dimension

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



56.6656, 0.3201, 0.3411



98.9781, 0.3216, 0.3436



56.0466, 0.3162, 0.3413



12.4583, 0.3223, 0.3448



33.6273, 0.4207, 0.5042



1.5969, 0.4204, 0.5044

Inverse Universe

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



51.3771, 0.3052, 0.3166



87.9059, 0.3035, 0.3140



51.9759, 0.3091, 0.3167



10.9586, 0.3028, 0.3127



2.6789, 0.1502, 0.0606



0.1315, 0.1507, 0.0626

Previews

White Background



This preview shows how the Yxy color 56.6631, 0.3201, 0.3411 looks on a white background.

Color Contrast Check

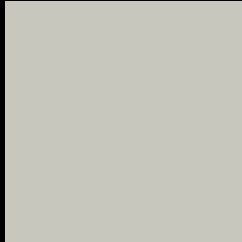
Large Text (above 18pt) WCAG AA × Fail

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 56.6631, 0.3201, 0.3411 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

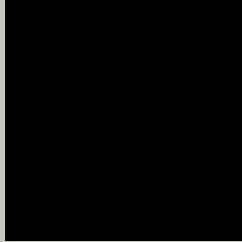
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

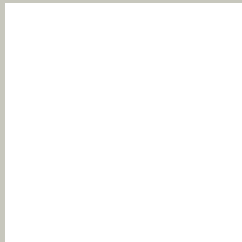
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 56.6631, 0.3201, 0.3411

Background



This preview shows how black text looks on a background with the Yxy color 56.6631, 0.3201, 0.3411.

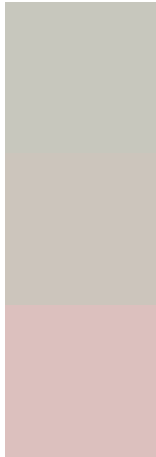


This preview shows how white text looks on a background with the Yxy color 56.6631, 0.3201, 0.3411.

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

56.6631, 0.3201, 0.3411

Protanopia

56.4007, 0.3250, 0.3398

Deuteranopia

56.6326, 0.3374, 0.3314



Tritanopia

56.7396, 0.3065, 0.3114

Trichromacy



Original Color

56.6631, 0.3201, 0.3411

Protanomaly

56.5756, 0.3233, 0.3411

Deuteranomaly

56.7450, 0.3303, 0.3349

Tritanomaly

56.6618, 0.3115, 0.3219

Monochromacy



Original Color

56.6631, 0.3201, 0.3411

Achromatopsia

56.4712, 0.3127, 0.3290

Achromatomaly

56.3341, 0.3149, 0.3326

CSS Examples

Text

The CSS property to change the color of the text to Yxy 56.6631, 0.3201, 0.3411 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(199, 199, 189)` looks like.

```
.text, #text, p{  
    color:rgb(199, 199, 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(199, 199, 189) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(199, 199, 189) }
```

Border

The CSS property to change the border of an element to Yxy 56.6631, 0.3201, 0.3411 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(199, 199, 189) }
```

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

```
.border{ border-color:rgb(199, 199, 189) }
```

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

Here you see how a box with a 4 pixel `rgb(199, 199, 189)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(199, 199, 189); -webkit-box-shadow:4px 4px 4px 4px rgb(199, 199, 189); box-shadow:4px 4px 4px 4px rgb(199, 199, 189) }
```


Background

The CSS property to change the background color of an element to Yxy 56.6631, 0.3201, 0.3411 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(199, 199, 189) }
```

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

```
.background{ background-color: rgb(199,  
199, 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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