

Converting Colors

Yxy(55.6173, 0.3214, 0.3336)

Have a look what the booklet for
Yxy(55.6173, 0.3214, 0.3336)
contains.

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Color

Yxy(55.5325, 0.3214, 0.3326)

Conversions

Conversions Part 1	
Format	Color
Hex	CBC3C0
RGB	203, 195, 192
RGB Percent	80%, 76%, 75%
CMY	0.2039, 0.2353, 0.2470
CMYK	0.00, 0.04, 0.05, 0.20
HSL	16°, 10%, 77%
HSV	16°, 5%, 80%
XYZ	53.6625, 55.5325, 57.7698
YIQ	197.0500, 5.7310, 0.7630

Conversions

Conversions Part 2

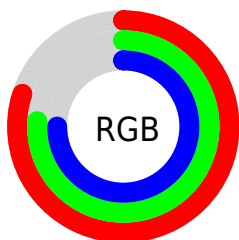
Format	Color
RYB	203, 196, 192
Decimal	13353920
CIELab	79.35, 2.27, 2.48
CIELCh	79, 3.364, 47.499
Yxy	55.5325, 0.3214, 0.3326
Android (android.graphics.Color)	4291544000 (0xFFCBC3C0)
YUV	197.0500, -2.4896, 5.2182
Hunter-Lab	74.5201, -1.8711, 6.2010

Details

The Yxy color 55.5325, 0.3214, 0.3326 is a light color, and the websafe version is hex CCCCCC. A complement of this color would be 56.8462, 0.3044, 0.3254, and the grayscale version is 55.8822, 0.3127, 0.3290.

A 20% lighter version of the original color is 97.6581, 0.3169, 0.3328, and 27.3034, 0.3234, 0.3322 is the 20% darker color. If you saturate the color by 10%, you get 48.3893, 0.3398, 0.3396, and if you desaturate by 10%, it is 63.4620, 0.3060, 0.3261.

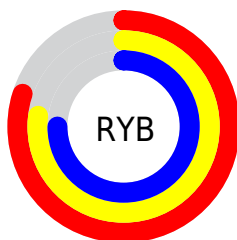
Distribution



Red (80%)

Green (76%)

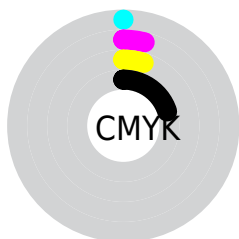
Blue (75%)



Red (80%)

Yellow (77%)

Blue (75%)

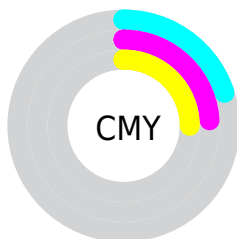


Cyan (0%)

Magenta (4%)

Yellow (5%)

Black (20%)



Cyan (20%)

Magenta (24%)


Yellow (25%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 55.5325, 0.3214, 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 55.5325, 0.3214, 0.3326 by changing the saturation by 10% instead.


 55.5325, 0.3214,
0.3326

 55.5325, 0.3214,
0.3326


407.9273, 0.3172,
0.3309

 39.8282, 0.3224,
0.3330


 98.3207, 0.3199,
0.3320

 27.4046, 0.3237,
0.3335


126.1734, 0.3193,
0.3318

 17.8773, 0.3254,
0.3342


158.8444, 0.3188,
0.3316

 10.8620, 0.3277,
0.3351

196.7181, 0.3184,
0.3314

 5.9741, 0.3310,
0.3364

240.1788, 0.3180,
0.3312

 2.8293, 0.3363,
0.3384

289.6110, 0.3177,


 1.0433, 0.3457,


0.3311


0.3419


345.3990, 0.3174,
0.3310


 0.0000, 0.0000,
0.0000


 55.5325, 0.3214,
0.3326

 55.5325, 0.3214,
0.3326


 48.3893, 0.3398,
0.3396


 63.4620, 0.3060,
0.3261

 42.0011, 0.3617,
0.3470

 72.1937, 0.2931,
0.3201


 36.3450, 0.3876,
0.3545

 81.7519, 0.2822,
0.3146

 31.3942, 0.4179,
0.3617

 90.9278, 0.2821,
0.3281

 27.1204, 0.4522,
0.3679

 91.4386, 0.2822,
0.3289

■ 23.4929, 0.4896,
0.3720

■ 20.4790, 0.5280,
0.3731

■ 18.0425, 0.5637,
0.3700

■ 16.1427, 0.5928,
0.3625

Harmonies

Analogous

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



55.5325, 0.3198, 0.3288



55.5325, 0.3214, 0.3326



55.5325, 0.3206, 0.3355

Triad

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



55.5325, 0.3214, 0.3326



55.5325, 0.3091, 0.3331



55.5325, 0.3077, 0.3214

Complementary

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



55.5325, 0.3214, 0.3326



56.8462, 0.3044, 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.



55.5325, 0.3049, 0.3225



55.5325, 0.3214, 0.3326



55.5325, 0.3056, 0.3292

Square

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



55.5325, 0.3214, 0.3326



55.5325, 0.3135, 0.3358



55.5325, 0.3041, 0.3253



55.5325, 0.3119, 0.3223

Rectangle

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



55.5325, 0.3214, 0.3326



55.5325, 0.3189, 0.3366



55.5325, 0.3041, 0.3253



55.5325, 0.3066, 0.3215

Sweetspot

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



55.5349, 0.3214, 0.3326



97.3266, 0.3159, 0.3303



54.5802, 0.3155, 0.3194



20.8600, 0.3157, 0.3303



0.0000, 0.0000, 0.0000



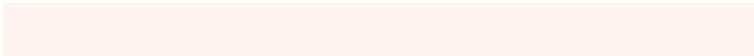
21.4041, 0.3127, 0.3290

Same Dimension

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



55.5349, 0.3214, 0.3326



92.1424, 0.3225, 0.3331



58.0222, 0.3209, 0.3391



12.1600, 0.3234, 0.3334



9.9506, 0.6017, 0.3605



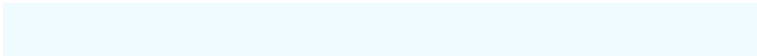
0.6419, 0.5622, 0.3918

Inverse Universe

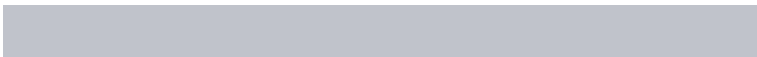
The Inverse Universe completely reimagines the original color for something new.



56.8462, 0.3044, 0.3254



94.5957, 0.3034, 0.3249



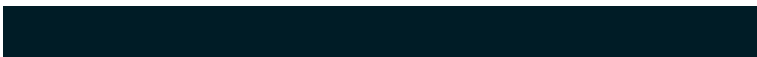
54.3658, 0.3045, 0.3187



12.5115, 0.3026, 0.3246



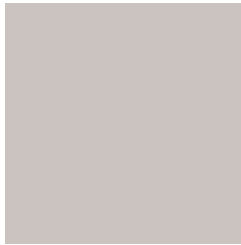
16.3777, 0.1998, 0.2393



0.9666, 0.2052, 0.2589

Previews

White Background



This preview shows how the Yxy color 55.5325, 0.3214, 0.3326 looks on a white background.

Color Contrast Check

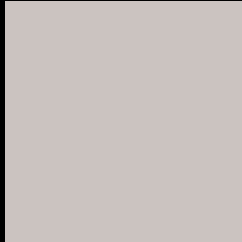
Large Text (above 18pt) WCAG AA × Fail

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 55.5325, 0.3214, 0.3326 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

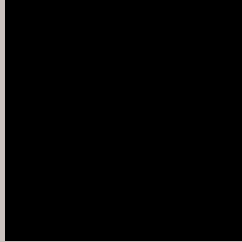
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

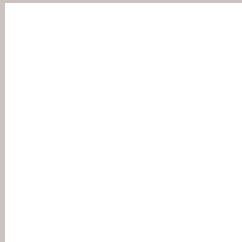
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 55.5325, 0.3214, 0.3326

Background



This preview shows how black text looks on a background with the Yxy color 55.5325, 0.3214, 0.3326.

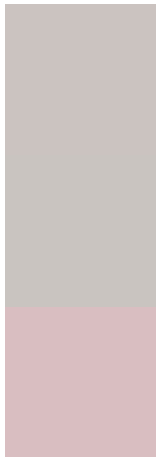


This preview shows how white text looks on a background with the Yxy color 55.5325, 0.3214, 0.3326.

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

55.5325, 0.3214, 0.3326

Protanopia

55.7031, 0.3197, 0.3338

Deuteranopia

55.4289, 0.3328, 0.3256



Tritanopia

55.6731, 0.3112, 0.3114

Trichromacy



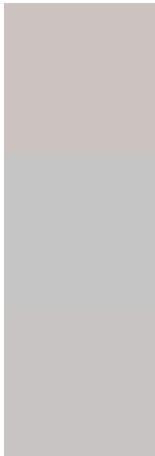
Original Color
55.5325, 0.3214, 0.3326

Protanomaly
55.8422, 0.3205, 0.3338

Deuteranomaly
55.5466, 0.3283, 0.3279

Tritanomaly
55.6852, 0.3148, 0.3195

Monochromacy



Original Color
55.5325, 0.3214, 0.3326

Achromatopsia
55.8340, 0.3127, 0.3290

Achromatomaly
55.5621, 0.3158, 0.3302

CSS Examples

Text

The CSS property to change the color of the text to Yxy 55.5325, 0.3214, 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(203, 195, 192) looks like.

```
.text, #text, p{  
    color:rgb(203, 195, 192)  
}
```

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, 195, 192) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(203, 195, 192) }
```

Border

The CSS property to change the border of an element to Yxy 55.5325, 0.3214, 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(203, 195, 192) }
```

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

```
.border{ border-color:rgb(203, 195, 192) }
```

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

Here you see how a box with a 4 pixel rgb(203, 195, 192) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(203, 195, 192); -webkit-box-  
shadow:4px 4px 4px 4px rgb(203, 195, 192);  
box-shadow:4px 4px 4px 4px rgb(203, 195,  
192) }
```


Background

The CSS property to change the background color of an element to Yxy 55.5325, 0.3214, 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(203, 195, 192) }
```

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

```
.background{ background-color: rgb(203,  
195, 192) }
```

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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