

Converting Colors

$Y_{xy}(55.2369, 0.3143, 0.3230)$

Have a look what the booklet for
Yxy(55.2369, 0.3143, 0.3230)
contains.

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Color

Yxy(55.1246, 0.3146, 0.3230)

Conversions

Conversions Part 1

Format	Color
Hex	C9C2C7
RGB	201, 194, 199
RGB Percent	79%, 76%, 78%
CMY	0.2117, 0.2392, 0.2196
CMYK	0.00, 0.03, 0.01, 0.21
HSL	317°, 6%, 77%
HSV	317°, 3%, 79%
XYZ	53.6910, 55.1246, 61.8488
YIQ	196.6630, 2.5670, 3.0390

Conversions

Conversions Part 2

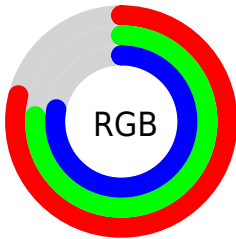
Format	Color
R_{YB}	201, 194, 199
Decimal	13222599
CIE Lab	79.11, 3.35, -1.65
CIE LCh	79, 3.737, 333.841
Yxy	55.1246, 0.3146, 0.3230
Android (android.graphics.Color)	4291412679 (0xFFC9C2C7)
YUV	196.6630, 1.1521, 3.8035
Hunter-Lab	74.2459, -0.8480, 2.5821

Details

The Yxy color **55.1246, 0.3146, 0.3230** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **57.2340, 0.3109, 0.3351**, and the grayscale version is **55.6153, 0.3127, 0.3290**.

A 20% lighter version of the original color is **96.8512, 0.3129, 0.3242**, and **27.0035, 0.3153, 0.3210** is the 20% darker color. If you saturate the color by 10%, you get **46.5148, 0.3206, 0.3052**, and if you desaturate by 10%, it is **64.9594, 0.3095, 0.3399**.

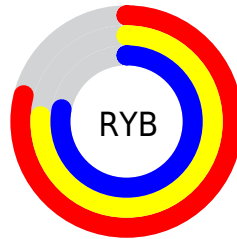
Distribution



Red (79%)

Green (76%)

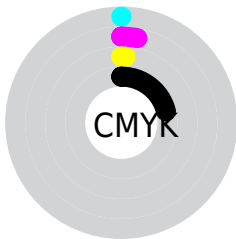
Blue (78%)



Red (79%)

Yellow (76%)

Blue (78%)

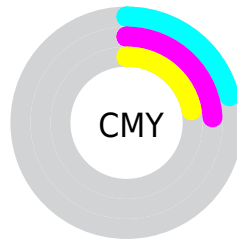


Cyan (0%)

Magenta (3%)

Yellow (1%)

Black (21%)



Cyan (21%)

Magenta (24%)

Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 55.1246, 0.3146, 0.3230 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 55.1246, 0.3146, 0.3230 by changing the saturation by 10% instead.

■ 55.1246, 0.3146,
0.3230

■ 55.1246, 0.3146,
0.3230

406.3841, 0.3137,
0.3259

■ 39.5015, 0.3148,
0.3223

■ 97.7235, 0.3143,
0.3240

■ 27.1501, 0.3151,
0.3214

125.4681, 0.3142,
0.3244

■ 17.6860, 0.3154,
0.3203

158.0219, 0.3141,
0.3248

■ 10.7248, 0.3159,
0.3187

195.7694, 0.3140,
0.3251

■ 5.8821, 0.3166,
0.3165

239.0950, 0.3139,
0.3253

■ 2.7735, 0.3177,
0.3130

288.3830, 0.3138,

■ 1.0147, 0.3196,

0.3255

0.3068

344.0179, 0.3138,
0.3257

0.0000, 0.0000,
0.0000

55.1246, 0.3146,
0.3230

55.1246, 0.3146,
0.3230

46.5148, 0.3206,
0.3052

64.9594, 0.3095,
0.3399

39.0746, 0.3277,
0.2869

76.0579, 0.3052,
0.3557

32.7547, 0.3359,
0.2684

88.4655, 0.3016,
0.3703

27.4997, 0.3452,
0.2504

89.2111, 0.2985,
0.3646

23.2494, 0.3555,
0.2339

89.5240, 0.2954,
0.3582

■ 19.9375, 0.3667,
0.2199

■ 89.8475, 0.2923,
0.3519

■ 17.4899, 0.3785,
0.2093

■ 90.1816, 0.2893,
0.3457

■ 15.8210, 0.3905,
0.2032

■ 90.5266, 0.2863,
0.3395

■ 14.8275, 0.4022,
0.2020

■ 90.8823, 0.2833,
0.3335

Harmonies

Analogous

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



55.1246, 0.3096, 0.3208



55.1246, 0.3146, 0.3230



55.1246, 0.3191, 0.3267

Triad

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



55.1246, 0.3146, 0.3230



55.1246, 0.3200, 0.3373



55.1246, 0.3036, 0.3268

Complementary

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



55.1246, 0.3146, 0.3230



57.2340, 0.3109, 0.3351

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.



55.1246, 0.3064, 0.3313



55.1246, 0.3146, 0.3230



55.1246, 0.3158, 0.3374

Square

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



55.1246, 0.3146, 0.3230



55.1246, 0.3222, 0.3350



55.1246, 0.3108, 0.3352



55.1246, 0.3033, 0.3230

Rectangle

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



55.1246, 0.3146, 0.3230



55.1246, 0.3212, 0.3297



55.1246, 0.3108, 0.3352



55.1246, 0.3043, 0.3283

Sweetspot

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



55.1270, 0.3146, 0.3230



98.3370, 0.3133, 0.3273



54.5354, 0.3091, 0.3205



21.0657, 0.3132, 0.3274



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.



55.1270, 0.3146, 0.3230



93.4777, 0.3149, 0.3220



54.9666, 0.3172, 0.3272



11.6511, 0.3153, 0.3209



9.0829, 0.4082, 0.2022



0.4421, 0.3860, 0.1900

Inverse Universe

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



55.1270, 0.3146, 0.3230



93.4777, 0.3149, 0.3220



57.3948, 0.3084, 0.3308



11.6511, 0.3153, 0.3209



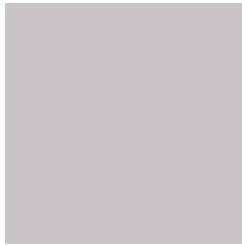
9.0829, 0.4082, 0.2022



0.4421, 0.3860, 0.1900

Previews

White Background



This preview shows how the Yxy color 55.1246, 0.3146, 0.3230 looks on a white background.

Color Contrast Check

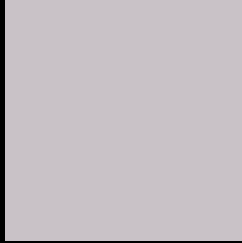
Large Text (above 18pt) WCAG AA × Fail

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 55.1246, 0.3146, 0.3230 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

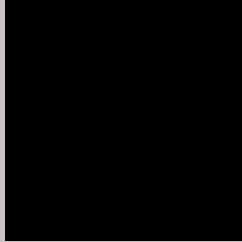
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

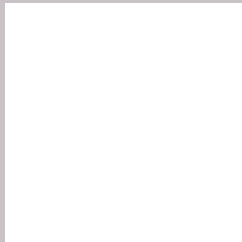
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 55.1246, 0.3146, 0.3230

Background



This preview shows how black text looks on a background with the Yxy color 55.1246, 0.3146, 0.3230.



This preview shows how white text looks on a background with the Yxy color 55.1246, 0.3146, 0.3230.

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

55.1246, 0.3146, 0.3230

Protanopia

55.2061, 0.3114, 0.3230

Deuteranopia

55.1432, 0.3239, 0.3174



Tritanopia

55.2506, 0.3088, 0.3112

Trichromacy



Original Color

55.1246, 0.3146, 0.3230

Protanomaly

55.3425, 0.3122, 0.3230

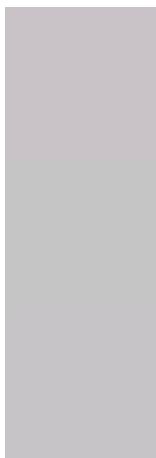
Deuteranomaly

54.9870, 0.3205, 0.3184

Tritanomaly

55.1043, 0.3110, 0.3147

Monochromacy



Original Color

55.1246, 0.3146, 0.3230

Achromatopsia

55.8340, 0.3127, 0.3290

Achromatomaly

55.5628, 0.3128, 0.3266

CSS Examples

Text

The CSS property to change the color of the text to Yxy 55.1246, 0.3146, 0.3230 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(201, 194, 199)` looks like.

```
.text, #text, p{  
    color:rgb(201, 194, 199)  
}
```

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(201, 194, 199) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(201, 194, 199) }
```

Border

The CSS property to change the border of an element to Yxy 55.1246, 0.3146, 0.3230 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(201, 194, 199) }
```

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

```
.border{ border-color:rgb(201, 194, 199) }
```

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

Here you see how a box with a 4 pixel rgb(201, 194, 199) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(201, 194, 199); -webkit-box-  
shadow:4px 4px 4px 4px rgb(201, 194, 199);  
box-shadow:4px 4px 4px 4px rgb(201, 194,  
199) }
```


Background

The CSS property to change the background color of an element to Yxy 55.1246, 0.3146, 0.3230 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(201, 194, 199) }
```

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

```
.background{ background-color: rgb(201,  
194, 199) }
```

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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