

Converting Colors

Yxy(53.8390, 0.3188, 0.3145)

Have a look what the booklet for
Yxy(53.8390, 0.3188, 0.3145)
contains.

Yxy(54.0221, 0.3191, 0.3149)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(54.0221, 0.3191, 0.3149)

Conversions

Conversions Part 1

Format	Color
Hex	D0BDC9
RGB	208, 189, 201
RGB Percent	82%, 74%, 79%
CMY	0.1845, 0.2587, 0.2118
CMYK	0.00, 0.09, 0.03, 0.18
HSL	322°, 17%, 78%
HSV	322°, 9%, 82%
XYZ	54.7426, 54.0221, 62.7885
YIQ	196.0490, 7.4720, 7.7600

Conversions

Conversions Part 2

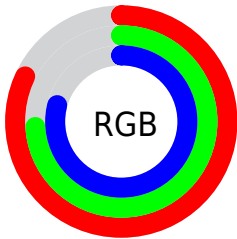
Format	Color
R _Y B	208, 189, 201
Decimal	13680073
CIE Lab	78.47, 8.79, -3.58
CIE LCh	78, 9.490, 337.817
Yxy	54.0221, 0.3191, 0.3149
Android (android.graphics.Color)	4291870153 (0xFFD0BDC9)
YUV	196.0490, 2.4408, 10.4810
Hunter-Lab	73.4997, 4.3223, 0.8003

Details

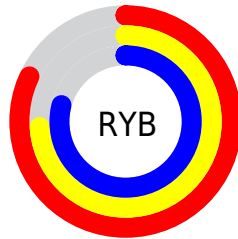
The Yxy color $54.0221, 0.3191, 0.3149$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $59.9002, 0.3068, 0.3435$, and the grayscale version is $55.2128, 0.3127, 0.3290$.

A 20% lighter version of the original color is $93.7848, 0.3132, 0.3194$, and $26.5849, 0.3213, 0.3118$ is the 20% darker color. If you saturate the color by 10%, you get $45.3569, 0.3274, 0.2987$, and if you desaturate by 10%, it is $63.9928, 0.3121, 0.3303$.

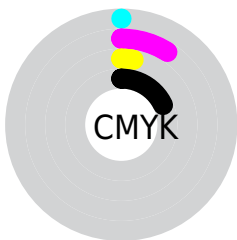
Distribution



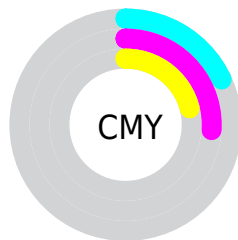
- Red (82%)
- Green (74%)
- Blue (79%)



- Red (82%)
- Yellow (74%)
- Blue (79%)



- Cyan (0%)
- Magenta (9%)
- Yellow (3%)
- Black (18%)





- Cyan (18%)
- Magenta (26%)
- Yellow (21%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 54.0221, 0.3191, 0.3149 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 54.0221, 0.3191, 0.3149 by changing the saturation by 10% instead.

 54.0221, 0.3191,
0.3149

 54.0221, 0.3191,
0.3149


402.1943, 0.3160,
0.3217

 38.6193, 0.3198,
0.3133


 96.1067, 0.3180,
0.3173

 26.4637, 0.3208,
0.3112


123.5573, 0.3176,
0.3182

 17.1709, 0.3220,
0.3085


155.7927, 0.3172,
0.3190

 10.3564, 0.3236,
0.3049

193.1971, 0.3169,
0.3197

 5.6359, 0.3259,
0.2998

236.1551, 0.3167,
0.3203

 2.6250, 0.3295,
0.2918

285.0511, 0.3164,

 0.9392, 0.3358,

0.3208

0.2779

340.2693, 0.3162,
0.3213

0.0000, 0.4477,
0.0000

0.0000, 0.0000,
0.0000

54.0221, 0.3191,
0.3149

54.0221, 0.3191,
0.3149

45.3569, 0.3274,
0.2987

63.9928, 0.3121,
0.3303

37.9356, 0.3371,
0.2821

75.3134, 0.3063,
0.3448

31.7021, 0.3485,
0.2657

88.0347, 0.3015,
0.3583

26.5933, 0.3614,
0.2501

90.7299, 0.2973,
0.3536

■ 22.5399, 0.3759,
0.2364

■ 91.1741, 0.2932,
0.3454

■ 19.4652, 0.3916,
0.2258

■ 91.6375, 0.2891,
0.3373

■ 17.2820, 0.4081,
0.2192

■ 92.1203, 0.2851,
0.3293

■ 15.8873, 0.4247,
0.2176

■ 92.1444, 0.2849,
0.3289

■ 15.1109, 0.4410,
0.2207

Harmonies

Analogous

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



54.0221, 0.3063, 0.3088



54.0221, 0.3191, 0.3149



54.0221, 0.3304, 0.3246

Triad

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



54.0221, 0.3191, 0.3149



54.0221, 0.3301, 0.3506



54.0221, 0.2892, 0.3217

Complementary

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



54.0221, 0.3191, 0.3149



59.9002, 0.3068, 0.3435

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.



54.0221, 0.2953, 0.3332



54.0221, 0.3191, 0.3149



54.0221, 0.3188, 0.3502

Square

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



54.0221, 0.3191, 0.3149



54.0221, 0.3367, 0.3451



54.0221, 0.3061, 0.3438



54.0221, 0.2892, 0.3125

Rectangle

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



54.0221, 0.3191, 0.3149



54.0221, 0.3354, 0.3319



54.0221, 0.3061, 0.3438



54.0221, 0.2906, 0.3254

Sweetspot

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



54.0245, 0.3191, 0.3149



95.0356, 0.3147, 0.3244



52.6872, 0.3041, 0.3062



20.0646, 0.3153, 0.3231



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.



54.0245, 0.3191, 0.3149



82.7429, 0.3207, 0.3117



53.5939, 0.3265, 0.3260



11.9321, 0.3193, 0.3144



9.4043, 0.4402, 0.2199



0.5409, 0.4127, 0.2047

Inverse Universe

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



54.0245, 0.3191, 0.3149



82.7429, 0.3207, 0.3117



60.3435, 0.3005, 0.3320



11.9321, 0.3193, 0.3144



9.4043, 0.4402, 0.2199



0.5409, 0.4127, 0.2047

Previews

White Background



This preview shows how the Yxy color 54.0221, 0.3191, 0.3149 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 54.0221, 0.3191, 0.3149 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

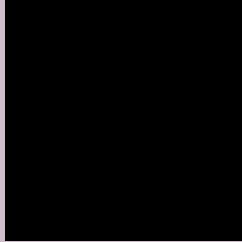
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 54.0221, 0.3191, 0.3149

Background



This preview shows how black text looks on a background with the Yxy color 54.0221, 0.3191, 0.3149.



This preview shows how white text looks on a background with the Yxy color 54.0221, 0.3191, 0.3149.

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

54.0221, 0.3191, 0.3149

Protanopia

54.0538, 0.3069, 0.3169

Deuteranopia

53.8851, 0.3209, 0.3138



Tritanopia

54.1169, 0.3176, 0.3125

Trichromacy



Original Color

54.0221, 0.3191, 0.3149

Protanomaly

54.2429, 0.3117, 0.3170

Deuteranomaly

53.7388, 0.3200, 0.3137

Tritanomaly

54.0694, 0.3183, 0.3137

Monochromacy



Original Color

54.0221, 0.3191, 0.3149

Achromatopsia

55.2011, 0.3127, 0.3290

Achromatomaly

54.4965, 0.3146, 0.3230

CSS Examples

Text

The CSS property to change the color of the text to Yxy 54.0221, 0.3191, 0.3149 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(208, 189, 201)` looks like.

```
.text, #text, p{  
    color:rgb(208, 189, 201)  
}
```

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(208, 189, 201) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(208, 189, 201) }
```

Border

The CSS property to change the border of an element to Yxy 54.0221, 0.3191, 0.3149 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(208, 189, 201) }
```

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

```
.border{ border-color:rgb(208, 189, 201) }
```

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

Here you see how a box with a 4 pixel `rgb(208, 189, 201)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(208, 189, 201); -webkit-box-  
shadow:4px 4px 4px 4px rgb(208, 189, 201);  
box-shadow:4px 4px 4px 4px rgb(208, 189,  
201) }
```


Background

The CSS property to change the background color of an element to Yxy 54.0221, 0.3191, 0.3149 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(208, 189, 201) }
```

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

```
.background{ background-color: rgb(208,  
189, 201) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor