

Converting Colors

$Y_{xy}(54.0179, 0.3091, 0.3220)$

Have a look what the booklet for
Yxy(54.0179, 0.3091, 0.3220)
contains.

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Color

Yxy(54.1764, 0.3090, 0.3229)

Conversions

Conversions Part 1

Format	Color
Hex	C2C2C7
RGB	194, 194, 199
RGB Percent	76%, 76%, 78%
CMY	0.2393, 0.2392, 0.2196
CMYK	0.03, 0.03, 0.00, 0.22
HSL	240°, 4%, 77%
HSV	240°, 3%, 78%
XYZ	51.8442, 54.1764, 61.7601
YIQ	194.5700, -1.6050, 1.5550

Conversions

Conversions Part 2

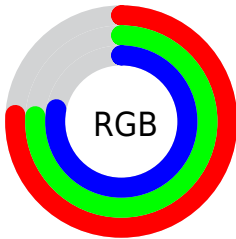
Format	Color
RYB	194, 194, 199
Decimal	12763847
CIELab	78.56, 0.92, -2.51
CIElCh	79, 2.679, 290.191
Yxy	54.1764, 0.3090, 0.3229
Android (android.graphics.Color)	4290953927 (0xFFC2C2C7)
YUV	194.5700, 2.1840, -0.4999
Hunter-Lab	73.6046, -3.0796, 1.7742

Details

The Yxy color **54.1764, 0.3090, 0.3229** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **56.8698, 0.3164, 0.3350**, and the grayscale version is **54.2911, 0.3127, 0.3290**.

A 20% lighter version of the original color is **95.9152, 0.3098, 0.3242**, and **26.3759, 0.3077, 0.3208** is the 20% darker color. If you saturate the color by 10%, you get **43.5011, 0.2930, 0.2967**, and if you desaturate by 10%, it is **66.3783, 0.3230, 0.3458**.

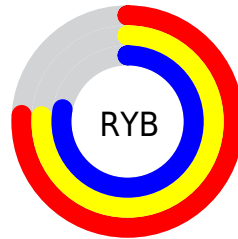
Distribution



Red (76%)

Green (76%)

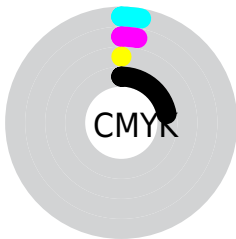
Blue (78%)



Red (76%)

Yellow (76%)

Blue (78%)

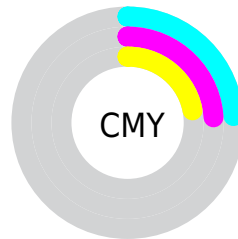


Cyan (3%)

Magenta (3%)

Yellow (0%)

Black (22%)



Cyan (24%)

Magenta (24%)

Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 54.1764, 0.3090, 0.3229 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 54.1764, 0.3090, 0.3229 by changing the saturation by 10% instead.

■ 54.1764, 0.3090,
0.3229

■ 54.1764, 0.3090,
0.3229

402.7823, 0.3108,
0.3259

■ 38.7427, 0.3086,
0.3222

□ 96.3332, 0.3097,
0.3240

■ 26.5596, 0.3080,
0.3213

123.8251, 0.3099,
0.3244

■ 17.2428, 0.3073,
0.3201

156.1052, 0.3101,
0.3247

■ 10.4077, 0.3063,
0.3185

193.5579, 0.3103,
0.3250

■ 5.6701, 0.3048,
0.3161

236.5675, 0.3104,
0.3253

■ 2.6456, 0.3025,
0.3124

285.5186, 0.3106,

■ 0.9496, 0.2983,

0.3255

0.3058

340.7954, 0.3107,
0.3257

0.0000, 0.0000,
0.0000

54.1764, 0.3090,
0.3229

54.1764, 0.3090,
0.3229

43.5011, 0.2930,
0.2967

66.3783, 0.3230,
0.3458

34.2857, 0.2750,
0.2671

80.1564, 0.3350,
0.3656

26.4689, 0.2552,
0.2344

95.5663, 0.3454,
0.3826

19.9825, 0.2341,
0.1997

96.9038, 0.3460,
0.3840

14.7523, 0.2127,
0.1644

■ 10.6972, 0.1925,
0.1309

■ 7.7262, 0.1750,
0.1019

■ 5.7354, 0.1617,
0.0798

■ 4.6003, 0.1535,
0.0660

Harmonies

Analogous

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



54.1764, 0.3066, 0.3236



54.1764, 0.3090, 0.3229



54.1764, 0.3124, 0.3238

Triad

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



54.1764, 0.3090, 0.3229



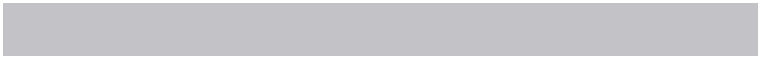
54.1764, 0.3197, 0.3322



54.1764, 0.3095, 0.3320

Complementary

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



54.1764, 0.3090, 0.3229



56.8698, 0.3164, 0.3350

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.



54.1764, 0.3130, 0.3343



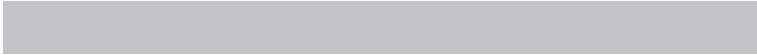
54.1764, 0.3090, 0.3229



54.1764, 0.3189, 0.3344

Square

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



54.1764, 0.3090, 0.3229



54.1764, 0.3186, 0.3291



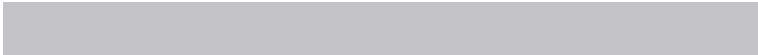
54.1764, 0.3164, 0.3352



54.1764, 0.3069, 0.3289

Rectangle

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



54.1764, 0.3090, 0.3229



54.1764, 0.3148, 0.3252



54.1764, 0.3164, 0.3352



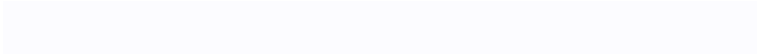
54.1764, 0.3106, 0.3329

Sweetspot

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



54.1787, 0.3090, 0.3229



97.9148, 0.3112, 0.3266



56.4355, 0.3089, 0.3291



20.9798, 0.3113, 0.3267



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.



54.1787, 0.3090, 0.3229



93.8271, 0.3082, 0.3216



54.4870, 0.3109, 0.3229



11.6426, 0.3072, 0.3199



2.6768, 0.1502, 0.0605



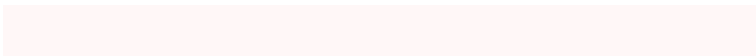
0.1311, 0.1507, 0.0624

Inverse Universe

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



54.6113, 0.3167, 0.3290



94.7362, 0.3176, 0.3290



56.5564, 0.3145, 0.3351



11.7831, 0.3188, 0.3290



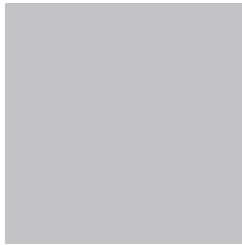
7.8102, 0.6392, 0.3295



0.3703, 0.6360, 0.3277

Previews

White Background



This preview shows how the Yxy color 54.1764, 0.3090, 0.3229 looks on a white background.

Color Contrast Check

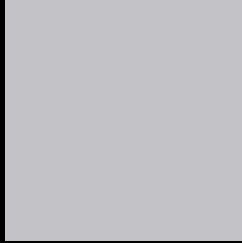
Large Text (above 18pt) WCAG AA × Fail

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 54.1764, 0.3090, 0.3229 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

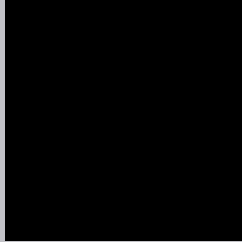
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

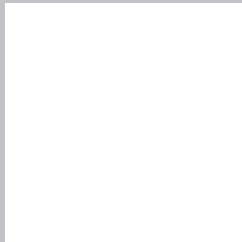
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 54.1764, 0.3090, 0.3229

Background



This preview shows how black text looks on a background with the Yxy color 54.1764, 0.3090, 0.3229.

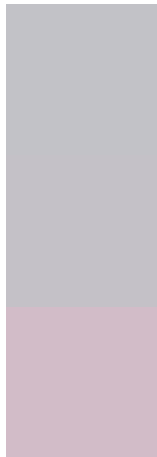


This preview shows how white text looks on a background with the Yxy color 54.1764, 0.3090, 0.3229.

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

54.1764, 0.3090, 0.3229

Protanopia

53.9992, 0.3107, 0.3217

Deuteranopia

53.8382, 0.3216, 0.3149



Tritanopia

54.2961, 0.3033, 0.3109

Trichromacy



Original Color

54.1764, 0.3090, 0.3229

Protanomaly

53.8656, 0.3099, 0.3217

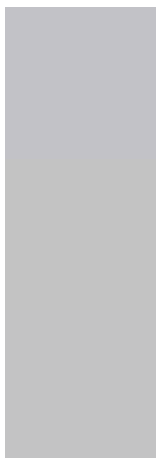
Deuteranomaly

53.8344, 0.3165, 0.3171

Tritanomaly

54.1498, 0.3055, 0.3145

Monochromacy



Original Color

54.1764, 0.3090, 0.3229

Achromatopsia

54.5724, 0.3127, 0.3290

Achromatomaly

54.6178, 0.3120, 0.3278

CSS Examples

Text

The CSS property to change the color of the text to Yxy 54.1764, 0.3090, 0.3229 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(194, 194, 199)` looks like.

```
.text, #text, p{  
    color:rgb(194, 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(194, 194, 199) colored shadow looks like.

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

Border

The CSS property to change the border of an element to Yxy 54.1764, 0.3090, 0.3229 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(194, 194, 199) }
```

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

```
.border{ border-color:rgb(194, 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(194, 194, 199)` colored shadow looks like.

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


Background

The CSS property to change the background color of an element to Yxy 54.1764, 0.3090, 0.3229 is called "background". The background property can be set on classes, ids or directly on the HTML element.

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

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

```
.background{ background-color: rgb(194,  
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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