

Converting Colors

Yxy(54.0323, 0.3162, 0.3265)

Have a look what the booklet for
Yxy(54.0323, 0.3162, 0.3265)
contains.

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Color

Yxy(54.2222, 0.3161, 0.3266)

Conversions

Conversions Part 1

Format	Color
Hex	C7C1C3
RGB	199, 193, 195
RGB Percent	78%, 76%, 76%
CMY	0.2195, 0.2432, 0.2354
CMYK	0.00, 0.03, 0.02, 0.22
HSL	340°, 5%, 77%
HSV	340°, 3%, 78%
XYZ	52.4790, 54.2222, 59.3190
YIQ	195.0220, 2.9340, 1.8940

Conversions

Conversions Part 2

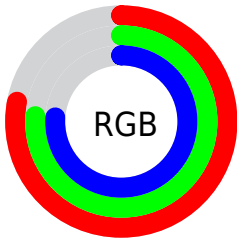
Format	Color
RYB	199, 193, 195
Decimal	13091267
CIELab	78.59, 2.47, -0.26
CIElCh	79, 2.484, 354.045
Yxy	54.2222, 0.3161, 0.3266
Android (android.graphics.Color)	4291281347 (0xFFC7C1C3)
YUV	195.0220, -0.0108, 3.4887
Hunter-Lab	73.6357, -1.6485, 3.7825

Details

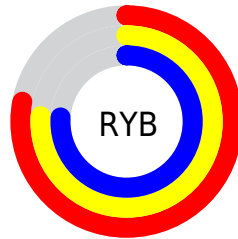
The Yxy color $54.2222, 0.3161, 0.3266$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $56.2344, 0.3094, 0.3314$, and the grayscale version is $54.5892, 0.3127, 0.3290$.

A 20% lighter version of the original color is $96.0396, 0.3148, 0.3261$, and $26.6990, 0.3171, 0.3274$ is the 20% darker color. If you saturate the color by 10%, you get $45.4316, 0.3288, 0.3183$, and if you desaturate by 10%, it is $64.2558, 0.3057, 0.3343$.

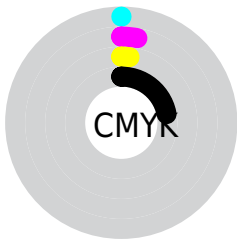
Distribution



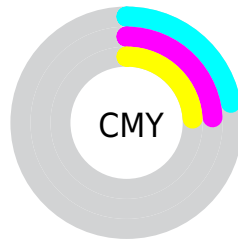
- Red (78%)
- Green (76%)
- Blue (76%)



- Red (78%)
- Yellow (76%)
- Blue (76%)



- Cyan (0%)
- Magenta (3%)
- Yellow (2%)
- Black (22%)





- Cyan (22%)
- Magenta (24%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 54.2222, 0.3161, 0.3266 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 54.2222, 0.3161, 0.3266 by changing the saturation by 10% instead.


 54.2222, 0.3161,
0.3266

 54.2222, 0.3161,
0.3266

402.9568, 0.3145,
0.3278

 38.7793, 0.3165,
0.3263


 96.4004, 0.3155,
0.3270

 26.5881, 0.3170,
0.3260


123.9046, 0.3153,
0.3272

 17.2641, 0.3177,
0.3255


156.1979, 0.3151,
0.3273

 10.4230, 0.3186,
0.3248

193.6649, 0.3149,
0.3274

 5.6803, 0.3199,
0.3239

236.6899, 0.3148,
0.3275

 2.6517, 0.3219,
0.3224

285.6572, 0.3147,

 0.9527, 0.3257,

0.3276

0.3198

340.9514, 0.3146,
0.3277

0.0000, 0.0000,
0.0000

54.2222, 0.3161,
0.3266

54.2222, 0.3161,
0.3266

45.4316, 0.3288,
0.3183

64.2558, 0.3057,
0.3343

37.8286, 0.3444,
0.3096

75.5711, 0.2972,
0.3414

31.3640, 0.3634,
0.3007

88.2138, 0.2902,
0.3479

25.9824, 0.3862,
0.2920

90.4697, 0.2834,
0.3358

21.6238, 0.4132,
0.2843

90.8872, 0.2800,
0.3289

■ 18.2223, 0.4441,
0.2784

■ 15.7042, 0.4781,
0.2756

■ 13.9848, 0.5130,
0.2770

■ 12.9626, 0.5461,
0.2834

Harmonies

Analogous

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



54.2222, 0.3129, 0.3244



54.2222, 0.3161, 0.3266



54.2222, 0.3184, 0.3295

Triad

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



54.2222, 0.3161, 0.3266



54.2222, 0.3158, 0.3347



54.2222, 0.3063, 0.3257

Complementary

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



54.2222, 0.3161, 0.3266



56.2344, 0.3094, 0.3314

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.



54.2222, 0.3071, 0.3285



54.2222, 0.3161, 0.3266



54.2222, 0.3125, 0.3337

Square

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



54.2222, 0.3161, 0.3266



54.2222, 0.3182, 0.3342



54.2222, 0.3093, 0.3315



54.2222, 0.3072, 0.3239

Rectangle

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



54.2222, 0.3161, 0.3266



54.2222, 0.3191, 0.3314



54.2222, 0.3093, 0.3315



54.2222, 0.3064, 0.3266

Sweetspot

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



54.2245, 0.3161, 0.3266



98.2741, 0.3138, 0.3282



54.1367, 0.3114, 0.3217



21.0529, 0.3138, 0.3282



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.



54.2245, 0.3161, 0.3266



93.2308, 0.3173, 0.3258



54.5820, 0.3175, 0.3302



11.6153, 0.3180, 0.3253



8.0711, 0.5634, 0.2877



0.3956, 0.5037, 0.2548

Inverse Universe

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



54.2245, 0.3161, 0.3266



93.2308, 0.3173, 0.3258



55.8642, 0.3081, 0.3278



11.6153, 0.3180, 0.3253



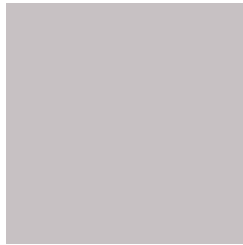
8.0711, 0.5634, 0.2877



0.3956, 0.5037, 0.2548

Previews

White Background



This preview shows how the Yxy color 54.2222, 0.3161, 0.3266 looks on a white background.

Color Contrast Check

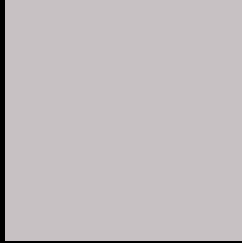
Large Text (above 18pt) WCAG AA × Fail

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 54.2222, 0.3161, 0.3266 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

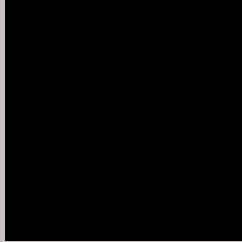
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

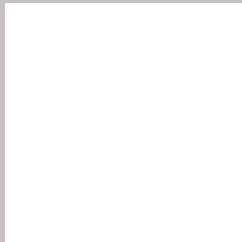
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 54.2222, 0.3161, 0.3266

Background



This preview shows how black text looks on a background with the Yxy color 54.2222, 0.3161, 0.3266.

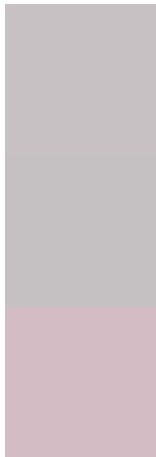


This preview shows how white text looks on a background with the Yxy color 54.2222, 0.3161, 0.3266.

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

54.2222, 0.3161, 0.3266

Protanopia

53.9504, 0.3144, 0.3266

Deuteranopia

53.9490, 0.3264, 0.3196



Tritanopia

54.1353, 0.3095, 0.3111

Trichromacy



Original Color

54.2222, 0.3161, 0.3266

Protanomaly

54.0858, 0.3152, 0.3266

Deuteranomaly

54.0778, 0.3221, 0.3219

Tritanomaly

54.2429, 0.3117, 0.3170

Monochromacy



Original Color

54.2222, 0.3161, 0.3266

Achromatopsia

54.5724, 0.3127, 0.3290

Achromatomaly

54.2595, 0.3136, 0.3278

CSS Examples

Text

The CSS property to change the color of the text to Yxy 54.2222, 0.3161, 0.3266 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, 193, 195)` looks like.

```
.text, #text, p{  
    color:rgb(199, 193, 195)  
}
```

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, 193, 195) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(199, 193, 195) }
```

Border

The CSS property to change the border of an element to Yxy 54.2222, 0.3161, 0.3266 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, 193, 195) }
```

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

```
.border{ border-color:rgb(199, 193, 195) }
```

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

Here you see how a box with a 4 pixel `rgb(199, 193, 195)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(199, 193, 195); -webkit-box-  
shadow:4px 4px 4px 4px rgb(199, 193, 195);  
box-shadow:4px 4px 4px 4px rgb(199, 193,  
195) }
```


Background

The CSS property to change the background color of an element to Yxy 54.2222, 0.3161, 0.3266 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(199, 193, 195) }
```

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

```
.background{ background-color: rgb(199,  
193, 195) }
```

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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