

Converting Colors

Yxy(54.4927, 0.3166, 0.3302)

Have a look what the booklet for
Yxy(54.4927, 0.3166, 0.3302)
contains.

Yxy(54.4396, 0.3167, 0.3302)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(54.4396, 0.3167, 0.3302)

Conversions

Conversions Part 1

Format	Color
Hex	C6C2C1
RGB	198, 194, 193
RGB Percent	78%, 76%, 76%
CMY	0.2234, 0.2392, 0.2431
CMYK	0.00, 0.02, 0.03, 0.22
HSL	12°, 4%, 77%
HSV	12°, 3%, 78%
XYZ	52.2139, 54.4396, 58.2151
YIQ	195.0820, 2.7050, 0.5370

Conversions

Conversions Part 2

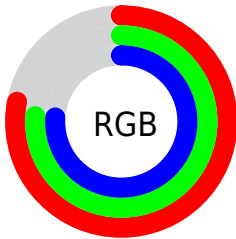
Format	Color
RYB	198, 194, 193
Decimal	13025985
CIELab	78.72, 1.23, 0.98
CIELCh	79, 1.576, 38.442
Yxy	54.4396, 0.3167, 0.3302
Android (android.graphics.Color)	4291216065 (0xFFC6C2C1)
YUV	195.0820, -1.0264, 2.5591
Hunter-Lab	73.7832, -2.8022, 4.8683

Details

The Yxy color $54.4396, 0.3167, 0.3302$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $55.3758, 0.3088, 0.3278$, and the grayscale version is $54.6339, 0.3127, 0.3290$.

A 20% lighter version of the original color is $96.4708, 0.3165, 0.3300$, and $26.5789, 0.3171, 0.3290$ is the 20% darker color. If you saturate the color by 10%, you get $46.8977, 0.3344, 0.3352$, and if you desaturate by 10%, it is $62.8656, 0.3020, 0.3256$.

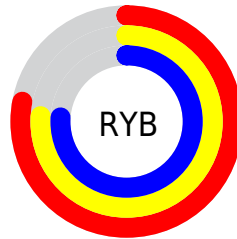
Distribution



Red (78%)

Green (76%)

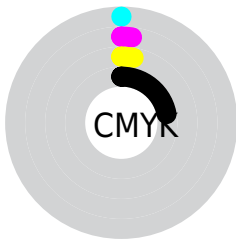
Blue (76%)



Red (78%)

Yellow (76%)

Blue (76%)

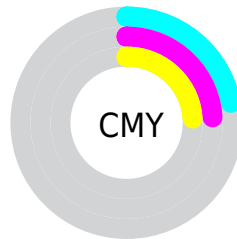


Cyan (0%)

Magenta (2%)

Yellow (3%)

Black (22%)



Cyan (22%)


Magenta (24%)

Yellow (24%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 54.4396, 0.3167, 0.3302 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 54.4396, 0.3167, 0.3302 by changing the saturation by 10% instead.


 54.4396, 0.3167,
0.3302

 54.4396, 0.3167,
0.3302


403.7841, 0.3148,
0.3296

 38.9532, 0.3172,
0.3303


 96.7194, 0.3160,
0.3300

 26.7233, 0.3178,
0.3305

124.2816, 0.3157,
0.3299

 17.3656, 0.3185,
0.3307


156.6379, 0.3155,
0.3299

 10.4955, 0.3196,
0.3310

194.1726, 0.3153,
0.3298

 5.7287, 0.3212,
0.3315

237.2702, 0.3152,
0.3297

 2.6808, 0.3236,
0.3322

286.3151, 0.3150,

 0.9675, 0.3280,

0.3297

0.3334

341.6916, 0.3149,
0.3297

0.0000, 0.0000,
0.0000

54.4396, 0.3167,
0.3302

54.4396, 0.3167,
0.3302

46.8977, 0.3344,
0.3352

62.8656, 0.3020,
0.3256

40.2044, 0.3559,
0.3405

72.1959, 0.2899,
0.3214

34.3318, 0.3817,
0.3459

82.4590, 0.2798,
0.3176

29.2482, 0.4123,
0.3512

90.7506, 0.2795,
0.3289

24.9194, 0.4479,
0.3558

■ 21.3091, 0.4876,
0.3590

■ 18.3776, 0.5292,
0.3599

■ 16.0813, 0.5687,
0.3576

■ 14.3714, 0.6010,
0.3519

Harmonies

Analogous

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



54.4396, 0.3157, 0.3283



54.4396, 0.3167, 0.3302



54.4396, 0.3167, 0.3318

Triad

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



54.4396, 0.3167, 0.3302



54.4396, 0.3116, 0.3314



54.4396, 0.3099, 0.3255

Complementary

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



54.4396, 0.3167, 0.3302



55.3758, 0.3088, 0.3278

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.



54.4396, 0.3088, 0.3263



54.4396, 0.3167, 0.3302



54.4396, 0.3098, 0.3297

Square

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



54.4396, 0.3167, 0.3302



54.4396, 0.3137, 0.3324



54.4396, 0.3088, 0.3278



54.4396, 0.3117, 0.3256

Rectangle

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



54.4396, 0.3167, 0.3302



54.4396, 0.3160, 0.3324



54.4396, 0.3088, 0.3278



54.4396, 0.3094, 0.3256

Sweetspot

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



54.4420, 0.3167, 0.3302



98.5342, 0.3143, 0.3295



54.1929, 0.3137, 0.3240



21.1058, 0.3142, 0.3295



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.



54.4420, 0.3167, 0.3302



95.6510, 0.3175, 0.3304



55.5423, 0.3165, 0.3332



11.9240, 0.3187, 0.3308



8.8320, 0.6172, 0.3481



0.5209, 0.5776, 0.3796

Inverse Universe

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



55.3758, 0.3088, 0.3278



97.6293, 0.3080, 0.3276



54.2709, 0.3089, 0.3248



12.2298, 0.3070, 0.3272



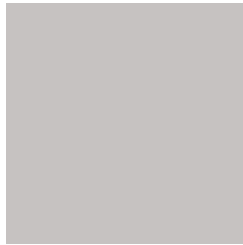
18.9814, 0.2072, 0.2658



0.9914, 0.2112, 0.2804

Previews

White Background



This preview shows how the Yxy color 54.4396, 0.3167, 0.3302 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 54.4396, 0.3167, 0.3302 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

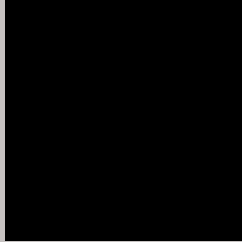
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

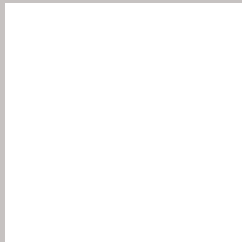
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 54.4396, 0.3167, 0.3302

Background



This preview shows how black text looks on a background with the Yxy color 54.4396, 0.3167, 0.3302.

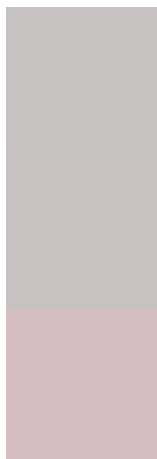


This preview shows how white text looks on a background with the Yxy color 54.4396, 0.3167, 0.3302.

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

54.4396, 0.3167, 0.3302

Protanopia

54.5759, 0.3175, 0.3302

Deuteranopia

54.5864, 0.3296, 0.3232



Tritanopia

54.4836, 0.3080, 0.3111

Trichromacy



Original Color

54.4396, 0.3167, 0.3302

Protanomaly

54.5759, 0.3175, 0.3302

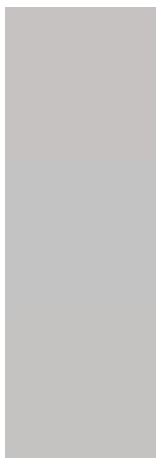
Deuteranomaly

54.5665, 0.3244, 0.3255

Tritanomaly

54.5463, 0.3108, 0.3182

Monochromacy



Original Color

54.4396, 0.3167, 0.3302

Achromatopsia

54.5724, 0.3127, 0.3290

Achromatomaly

54.6610, 0.3143, 0.3302

CSS Examples

Text

The CSS property to change the color of the text to Yxy 54.4396, 0.3167, 0.3302 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(198, 194, 193)` looks like.

```
.text, #text, p{  
    color:rgb(198, 194, 193)  
}
```

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(198, 194, 193) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 194, 193) }
```

Border

The CSS property to change the border of an element to Yxy 54.4396, 0.3167, 0.3302 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(198, 194, 193) }
```

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

```
.border{ border-color:rgb(198, 194, 193) }
```

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

Here you see how a box with a 4 pixel `rgb(198, 194, 193)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(198, 194, 193); -webkit-box-shadow:4px 4px 4px 4px rgb(198, 194, 193); box-shadow:4px 4px 4px 4px rgb(198, 194, 193) }
```


Background

The CSS property to change the background color of an element to Yxy 54.4396, 0.3167, 0.3302 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(198, 194, 193) }
```

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

```
.background{ background-color: rgb(198,  
194, 193) }
```

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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