

Converting Colors

Yxy(54.6966, 0.3311, 0.3656)

Have a look what the booklet for
Yxy(54.6966, 0.3311, 0.3656)
contains.

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Color

Yxy(54.7221, 0.3311, 0.3653)

Conversions

Conversions Part 1

Format	Color
Hex	C2C6A9
RGB	194, 198, 169
RGB Percent	76%, 78%, 66%
CMY	0.2393, 0.2235, 0.3373
CMYK	0.02, 0.00, 0.15, 0.22
HSL	68°, 20%, 72%
HSV	68°, 15%, 78%
XYZ	49.5989, 54.7221, 45.4794
YIQ	193.4980, 6.9250, -9.8670

Conversions

Conversions Part 2

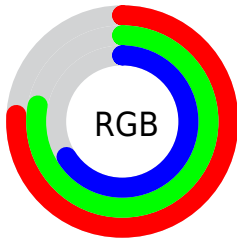
Format	Color
RYB	169, 198, 173
Decimal	12764841
CIELab	78.88, -6.42, 14.09
CIELCh	79, 15.481, 114.518
Yxy	54.7221, 0.3311, 0.3653
Android (android.graphics.Color)	4290954921 (0xFFC2C6A9)
YUV	193.4980, -12.0775, 0.4403
Hunter-Lab	73.9744, -9.7731, 15.3306

Details

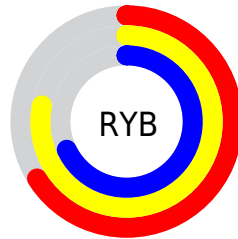
The Yxy color **54.7221, 0.3311, 0.3653** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **41.3374, 0.2927, 0.2907**, and the grayscale version is **53.7055, 0.3127, 0.3290**.

A 20% lighter version of the original color is **97.4110, 0.3284, 0.3594**, and **26.8063, 0.3354, 0.3747** is the 20% darker color. If you saturate the color by 10%, you get **53.6756, 0.3438, 0.3911**, and if you desaturate by 10%, it is **55.8927, 0.3185, 0.3403**.

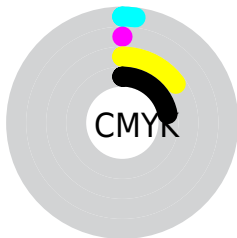
Distribution



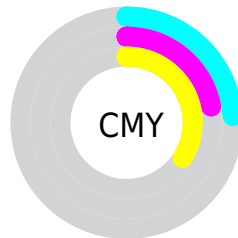
- Red (76%)
- Green (78%)
- Blue (66%)



- Red (66%)
- Yellow (78%)
- Blue (68%)



- Cyan (2%)
- Magenta (0%)
- Yellow (15%)
- Black (22%)





- Cyan (24%)
- Magenta (22%)
- Yellow (34%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 54.7221, 0.3311, 0.3653 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 54.7221, 0.3311, 0.3653 by changing the saturation by 10% instead.


 54.7221, 0.3311,
0.3653

 54.7221, 0.3311,
0.3653

404.8576, 0.3223,
0.3474

 39.1793, 0.3332,
0.3697


 97.1337, 0.3280,
0.3589

 26.8992, 0.3358,
0.3753


124.7712, 0.3268,
0.3564

 17.4975, 0.3392,
0.3826


157.2091, 0.3258,
0.3544

 10.5899, 0.3437,
0.3927

194.8317, 0.3249,
0.3526

 5.7918, 0.3499,
0.4074

238.0235, 0.3241,
0.3510

 2.7189, 0.3590,
0.4305

287.1688, 0.3234,

 0.9868, 0.4203,

0.3497

0.5333

342.6521, 0.3228,
0.3485

0.0000, 0.0000,
0.0000

54.7221, 0.3311,
0.3653

54.7221, 0.3311,
0.3653

53.6756, 0.3438,
0.3911

55.8927, 0.3185,
0.3403

52.7411, 0.3561,
0.4169

57.1851, 0.3062,
0.3165

51.9153, 0.3675,
0.4420

58.6061, 0.2946,
0.2942

51.1924, 0.3776,
0.4651


60.1600, 0.2836,
0.2737

50.5659, 0.3857,
0.4854

60.9851, 0.2813,
0.2673


 50.0283, 0.3914,
0.5019


 61.3867, 0.2832,
0.2676


 49.5711, 0.3946,
0.5140

 61.7952, 0.2851,
0.2680

 49.1842, 0.3952,
0.5217

 62.2108, 0.2871,
0.2683

 48.9956, 0.3949,
0.5246

 62.6333, 0.2890,
0.2686

Harmonies

Analogous

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



54.7221, 0.3469, 0.3610



54.7221, 0.3311, 0.3653



54.7221, 0.3108, 0.3592

Triad

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



54.7221, 0.3311, 0.3653



54.7221, 0.2736, 0.3077



54.7221, 0.3339, 0.3144

Complementary

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



54.7221, 0.3311, 0.3653



41.3374, 0.2927, 0.2907

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.



54.7221, 0.3136, 0.3013



54.7221, 0.3311, 0.3653



54.7221, 0.2793, 0.2970

Square

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



54.7221, 0.3311, 0.3653



54.7221, 0.2780, 0.3249



54.7221, 0.2937, 0.2949



54.7221, 0.3487, 0.3314

Rectangle

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



54.7221, 0.3311, 0.3653



54.7221, 0.2974, 0.3498



54.7221, 0.2937, 0.2949



54.7221, 0.3275, 0.3094

Sweetspot

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



54.7245, 0.3311, 0.3653



99.0926, 0.3177, 0.3388



44.7054, 0.3390, 0.3340



21.1742, 0.3187, 0.3407



0.0000, 0.0000, 0.0000



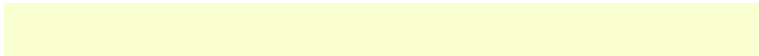
21.4041, 0.3127, 0.3290

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



54.7245, 0.3311, 0.3653



96.1989, 0.3357, 0.3746



52.9170, 0.3194, 0.3666



12.3394, 0.3244, 0.3520



31.8867, 0.3953, 0.5244



1.5310, 0.4006, 0.5201

Inverse Universe

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



41.3374, 0.2927, 0.2907



67.3894, 0.2872, 0.2803



43.0622, 0.3051, 0.2921



10.3570, 0.3004, 0.3053



2.8299, 0.1559, 0.0633



0.1576, 0.1717, 0.0720

Previews

White Background



This preview shows how the Yxy color 54.7221, 0.3311, 0.3653 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 54.7221, 0.3311, 0.3653 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

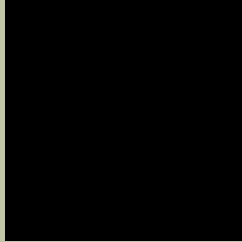
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

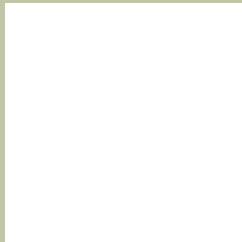
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 54.7221, 0.3311, 0.3653

Background



This preview shows how black text looks on a background with the Yxy color 54.7221, 0.3311, 0.3653.



This preview shows how white text looks on a background with the Yxy color 54.7221, 0.3311, 0.3653.

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

54.7221, 0.3311, 0.3653

Protanopia

54.7994, 0.3424, 0.3632

Deuteranopia

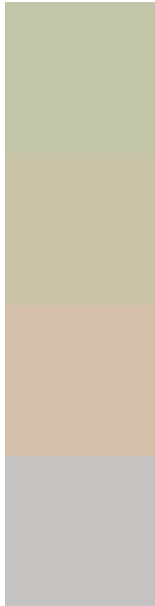
54.5947, 0.3564, 0.3489



Tritanopia

54.8361, 0.3064, 0.3111

Trichromacy



Original Color

54.7221, 0.3311, 0.3653

Protanomaly

54.7245, 0.3381, 0.3635

Deuteranomaly

54.5986, 0.3467, 0.3554

Tritanomaly

54.7956, 0.3151, 0.3302

Monochromacy



Original Color

54.7221, 0.3311, 0.3653

Achromatopsia

53.3276, 0.3127, 0.3290

Achromatomaly

53.8284, 0.3193, 0.3427

CSS Examples

Text

The CSS property to change the color of the text to Yxy 54.7221, 0.3311, 0.3653 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, 198, 169)` looks like.

```
.text, #text, p{  
    color:rgb(194, 198, 169)  
}
```

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, 198, 169) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 198, 169) }
```

Border

The CSS property to change the border of an element to Yxy 54.7221, 0.3311, 0.3653 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, 198, 169) }
```

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

```
.border{ border-color:rgb(194, 198, 169) }
```

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

Here you see how a box with a 4 pixel `rgb(194, 198, 169)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(194, 198, 169); -webkit-box-  
shadow:4px 4px 4px 4px rgb(194, 198, 169);  
box-shadow:4px 4px 4px 4px rgb(194, 198,  
169) }
```


Background

The CSS property to change the background color of an element to Yxy 54.7221, 0.3311, 0.3653 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 198, 169) }
```

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

```
.background{ background-color: rgb(194,  
198, 169) }
```

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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