

Converting Colors

$Yxy(54.7932, 0.3204, 0.3368)$

Have a look what the booklet for
Yxy(54.7932, 0.3204, 0.3368)
contains.

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Color

Yxy(54.8465, 0.3204, 0.3363)

Conversions

Conversions Part 1

Format	Color
Hex	C7C3BD
RGB	199, 195, 189
RGB Percent	78%, 76%, 74%
CMY	0.2196, 0.2353, 0.2587
CMYK	0.00, 0.02, 0.05, 0.22
HSL	36°, 8%, 76%
HSV	36°, 5%, 78%
XYZ	52.2534, 54.8465, 55.9881
YIQ	195.5120, 4.3100, -1.0180

Conversions

Conversions Part 2

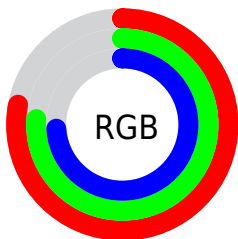
Format	Color
R_{YB}	196, 199, 189
Decimal	13091773
CIE Lab	78.95, 0.32, 3.48
CIE LCh	79, 3.497, 84.704
Yxy	54.8465, 0.3204, 0.3363
Android (android.graphics.Color)	4291281853 (0xFFC7C3BD)
YUV	195.5120, -3.2104, 3.0590
Hunter-Lab	74.0584, -3.6580, 7.0177

Details

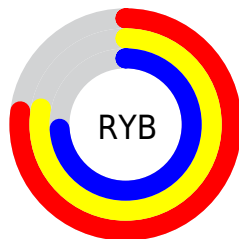
The Yxy color **54.8465, 0.3204, 0.3363** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **53.0876, 0.3051, 0.3216**, and the grayscale version is **54.9135, 0.3127, 0.3290**.

A 20% lighter version of the original color is **97.4734, 0.3187, 0.3357**, and **26.8471, 0.3221, 0.3372** is the 20% darker color. If you saturate the color by 10%, you get **50.5728, 0.3371, 0.3515**, and if you desaturate by 10%, it is **59.4335, 0.3055, 0.3220**.

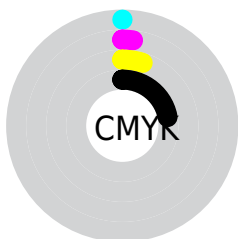
Distribution



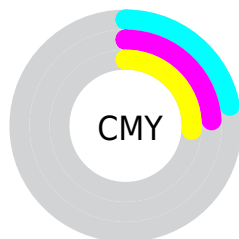
- Red (78%)
- Green (76%)
- Blue (74%)



- Red (77%)
- Yellow (78%)
- Blue (74%)



- Cyan (0%)
- Magenta (2%)
- Yellow (5%)
- Black (22%)



- Cyan (22%)
- Magenta (24%)
- Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 54.8465, 0.3204, 0.3363 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 54.8465, 0.3204, 0.3363 by changing the saturation by 10% instead.

■ 54.8465, 0.3204,
0.3363

■ 54.8465, 0.3204,
0.3363

405.3298, 0.3167,
0.3328

■ 39.2788, 0.3213,
0.3372

■ 97.3160, 0.3191,
0.3350

■ 26.9767, 0.3225,
0.3382

124.9867, 0.3186,
0.3346

■ 17.5557, 0.3240,
0.3397

157.4604, 0.3181,
0.3341

■ 10.6315, 0.3260,
0.3416

195.1217, 0.3177,
0.3338

■ 5.8196, 0.3290,
0.3444

238.3549, 0.3174,
0.3335

■ 2.7357, 0.3336,
0.3488

287.5444, 0.3171,

■ 0.9954, 0.3427,

0.3332

0.3573

343.0745, 0.3169,
0.3330

0.0000, 0.0000,
0.0000

54.8465, 0.3204,
0.3363

54.8465, 0.3204,
0.3363

50.5728, 0.3371,
0.3515

59.4335, 0.3055,
0.3220

46.5974, 0.3557,
0.3673

64.3339, 0.2923,
0.3086

42.9147, 0.3762,
0.3832

69.5573, 0.2807,
0.2962

39.5160, 0.3982,
0.3987

74.2020, 0.2777,
0.2986

36.3922, 0.4212,
0.4128

78.6497, 0.2784,
0.3073

■ 33.5335, 0.4445,
0.4244

■ 83.3010, 0.2790,
0.3159

■ 30.9290, 0.4670,
0.4324

■ 88.1584, 0.2796,
0.3244

■ 28.5668, 0.4873,
0.4357

■ 90.8809, 0.2800,
0.3289

■ 26.4328, 0.5044,
0.4338

Harmonies

Analogous

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



54.8465, 0.3218, 0.3336



54.8465, 0.3204, 0.3363



54.8465, 0.3169, 0.3370

Triad

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



54.8465, 0.3204, 0.3363



54.8465, 0.3048, 0.3282



54.8465, 0.3130, 0.3226

Complementary

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



54.8465, 0.3204, 0.3363



53.0876, 0.3051, 0.3216

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.



54.8465, 0.3085, 0.3211



54.8465, 0.3204, 0.3363



54.8465, 0.3037, 0.3243

Square

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



54.8465, 0.3204, 0.3363



54.8465, 0.3079, 0.3324



54.8465, 0.3051, 0.3217



54.8465, 0.3175, 0.3257

Rectangle

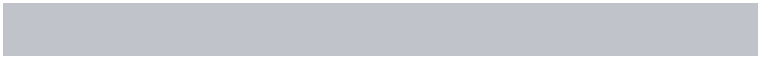
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



54.8465, 0.3204, 0.3363



54.8465, 0.3139, 0.3363



54.8465, 0.3051, 0.3217



54.8465, 0.3115, 0.3219

Sweetspot

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



54.8489, 0.3204, 0.3363



98.3821, 0.3158, 0.3319



52.3961, 0.3179, 0.3242



21.0749, 0.3156, 0.3318



0.0000, 0.0000, 0.0000



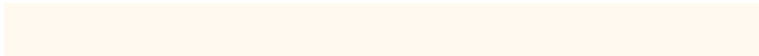
21.4041, 0.3127, 0.3290

Same Dimension

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



54.8489, 0.3204, 0.3363



95.2133, 0.3221, 0.3379



56.5227, 0.3192, 0.3411



11.9474, 0.3229, 0.3386



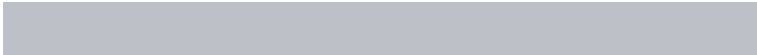
16.5366, 0.5106, 0.4328



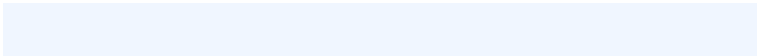
0.9220, 0.4867, 0.4518

Inverse Universe

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



53.0876, 0.3051, 0.3216



91.4923, 0.3035, 0.3199



51.4773, 0.3060, 0.3166



11.4434, 0.3027, 0.3192



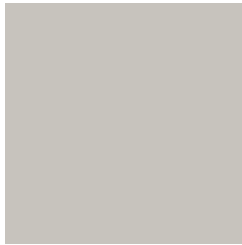
6.4591, 0.1689, 0.1278



0.4469, 0.1806, 0.1701

Previews

White Background



This preview shows how the Yxy color 54.8465, 0.3204, 0.3363 looks on a white background.

Color Contrast Check

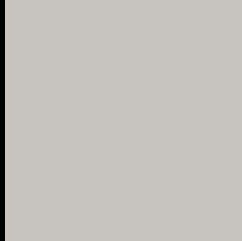
Large Text (above 18pt) WCAG AA × Fail

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 54.8465, 0.3204, 0.3363 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

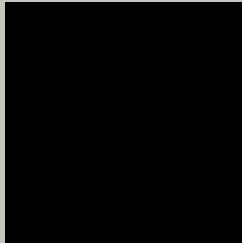
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

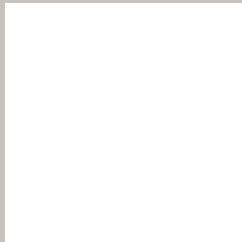
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 54.8465, 0.3204, 0.3363

Background



This preview shows how black text looks on a background with the Yxy color 54.8465, 0.3204, 0.3363.



This preview shows how white text looks on a background with the Yxy color 54.8465, 0.3204, 0.3363.

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

54.8465, 0.3204, 0.3363

Protanopia

54.9837, 0.3212, 0.3363

Deuteranopia

54.7118, 0.3345, 0.3279



Tritanopia

54.7608, 0.3096, 0.3112

Trichromacy



Original Color

54.8465, 0.3204, 0.3363

Protanomaly

54.9837, 0.3212, 0.3363

Deuteranomaly

54.6809, 0.3292, 0.3302

Tritanomaly

54.7276, 0.3139, 0.3206

Monochromacy



Original Color

54.8465, 0.3204, 0.3363

Achromatopsia

55.2011, 0.3127, 0.3290

Achromatomaly

55.2004, 0.3157, 0.3327

CSS Examples

Text

The CSS property to change the color of the text to Yxy 54.8465, 0.3204, 0.3363 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, 195, 189)` looks like.

```
.text, #text, p{  
    color:rgb(199, 195, 189)  
}
```

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, 195, 189) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(199, 195, 189) }
```

Border

The CSS property to change the border of an element to Yxy 54.8465, 0.3204, 0.3363 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, 195, 189) }
```

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

```
.border{ border-color:rgb(199, 195, 189) }
```

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

Here you see how a box with a 4 pixel `rgb(199, 195, 189)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(199, 195, 189); -webkit-box-  
shadow:4px 4px 4px 4px rgb(199, 195, 189);  
box-shadow:4px 4px 4px 4px rgb(199, 195,  
189) }
```


Background

The CSS property to change the background color of an element to Yxy 54.8465, 0.3204, 0.3363 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(199, 195, 189) }
```

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

```
.background{ background-color: rgb(199,  
195, 189) }
```

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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