

Converting Colors

Yxy(52.4494, 0.3076, 0.3141)

Have a look what the booklet for
Yxy(52.4494, 0.3076, 0.3141)
contains.

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Color

Yxy(52.6933, 0.3078, 0.3144)

Conversions

Conversions Part 1

Format	Color
Hex	C3BECA
RGB	195, 190, 202
RGB Percent	76%, 75%, 79%
CMY	0.2351, 0.2549, 0.2079
CMYK	0.03, 0.06, 0.00, 0.21
HSL	265°, 10%, 77%
HSV	265°, 6%, 79%
XYZ	51.5871, 52.6933, 63.3191
YIQ	192.8630, -0.8720, 4.7920

Conversions

Conversions Part 2

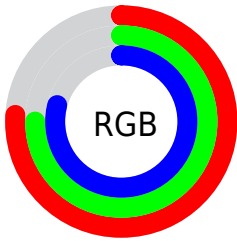
Format	Color
R _Y B	195, 190, 202
Decimal	12828362
CIE Lab	77.69, 4.00, -5.40
CIE LCh	78, 6.719, 306.557
Yxy	52.6933, 0.3078, 0.3144
Android (android.graphics.Color)	4291018442 (0xFFC3BECA)
YUV	192.8630, 4.5045, 1.8741
Hunter-Lab	72.5902, -0.1794, -0.9045

Details

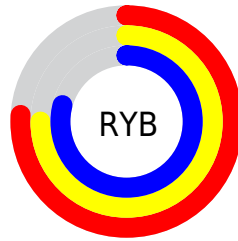
The Yxy color **52.6933, 0.3078, 0.3144** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **57.8124, 0.3174, 0.3435**, and the grayscale version is **53.2214, 0.3127, 0.3290**.

A 20% lighter version of the original color is **93.8270, 0.3112, 0.3203**, and **25.6922, 0.3060, 0.3110** is the 20% darker color. If you saturate the color by 10%, you get **43.0476, 0.2984, 0.2880**, and if you desaturate by 10%, it is **63.6778, 0.3158, 0.3385**.

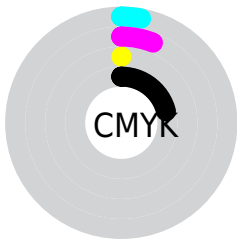
Distribution



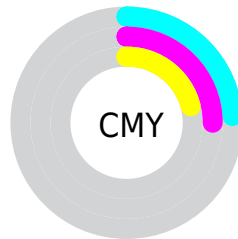
- Red (76%)
- Green (75%)
- Blue (79%)



- Red (76%)
- Yellow (75%)
- Blue (79%)



- Cyan (3%)
- Magenta (6%)
- Yellow (0%)
- Black (21%)



- Cyan (24%)
- Magenta (25%)
- Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 52.6933, 0.3078, 0.3144 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 52.6933, 0.3078, 0.3144 by changing the saturation by 10% instead.

■ 52.6933, 0.3078,
0.3144

■ 52.6933, 0.3078,
0.3144

■ 397.1073, 0.3102,
0.3215

■ 37.5580, 0.3072,
0.3127

■ 94.1529, 0.3087,
0.3169

■ 25.6398, 0.3064,
0.3105

■ 121.2460, 0.3090,
0.3179

■ 16.5544, 0.3054,
0.3077

■ 153.0938, 0.3093,
0.3187

■ 9.9173, 0.3040,
0.3038

■ 190.0807, 0.3095,
0.3194

■ 5.3441, 0.3020,
0.2983

■ 232.5911, 0.3097,
0.3200

■ 2.4506, 0.2987,
0.2896

■ 281.0094, 0.3099,

■ 0.8517, 0.2925,

0.3206

0.2741

335.7200, 0.3101,
0.3211

0.0000, 0.0000,
0.0000

52.6933, 0.3078,
0.3144

52.6933, 0.3078,
0.3144

43.0476, 0.2984,
0.2880

63.6778, 0.3158,
0.3385

34.6816, 0.2876,
0.2595

76.0438, 0.3226,
0.3602

27.5418, 0.2754,
0.2294

89.8404, 0.3283,
0.3796

21.5680, 0.2619,
0.1987

94.6229, 0.3354,
0.3826

16.6950, 0.2474,
0.1687

96.7545, 0.3432,
0.3812

■ 12.8509, 0.2324,
0.1407

■ 97.0436, 0.3442,
0.3810

■ 9.9548, 0.2177,
0.1166

■ 7.9132, 0.2040,
0.0978

■ 6.6097, 0.1919,
0.0848

Harmonies

Analogous

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



52.6933, 0.3001, 0.3139



52.6933, 0.3078, 0.3144



52.6933, 0.3169, 0.3186

Triad

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



52.6933, 0.3078, 0.3144



52.6933, 0.3299, 0.3403



52.6933, 0.3005, 0.3324

Complementary

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



52.6933, 0.3078, 0.3144



57.8124, 0.3174, 0.3435

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.



52.6933, 0.3084, 0.3398



52.6933, 0.3078, 0.3144



52.6933, 0.3254, 0.3443

Square

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



52.6933, 0.3078, 0.3144



52.6933, 0.3298, 0.3334



52.6933, 0.3175, 0.3441



52.6933, 0.2959, 0.3242

Rectangle

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



52.6933, 0.3078, 0.3144



52.6933, 0.3226, 0.3230



52.6933, 0.3175, 0.3441



52.6933, 0.3029, 0.3351

Sweetspot

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



52.6956, 0.3078, 0.3144



96.2338, 0.3111, 0.3241



55.1369, 0.3037, 0.3229



20.6375, 0.3112, 0.3244



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.



52.6956, 0.3078, 0.3144



87.2292, 0.3068, 0.3115



53.5027, 0.3126, 0.3146



11.4931, 0.3064, 0.3104



4.0411, 0.1888, 0.0814



0.2528, 0.2113, 0.0938

Inverse Universe

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



53.4061, 0.3172, 0.3207



88.6601, 0.3182, 0.3190



57.0268, 0.3128, 0.3437



11.6942, 0.3185, 0.3184



8.9224, 0.4615, 0.2316



0.4753, 0.4268, 0.2125

Previews

White Background



This preview shows how the Yxy color 52.6933, 0.3078, 0.3144 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 52.6933, 0.3078, 0.3144 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

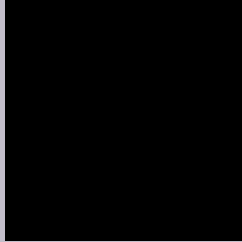
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

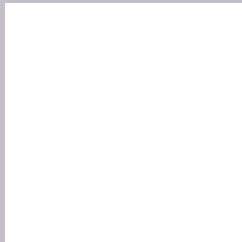
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 52.6933, 0.3078, 0.3144

Background



This preview shows how black text looks on a background with the Yxy color 52.6933, 0.3078, 0.3144.

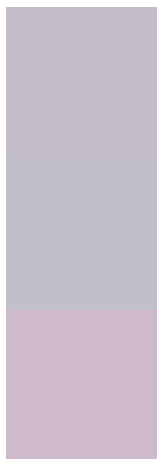


This preview shows how white text looks on a background with the Yxy color 52.6933, 0.3078, 0.3144.

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

52.6933, 0.3078, 0.3144

Protanopia

52.7323, 0.3053, 0.3155

Deuteranopia

52.5514, 0.3161, 0.3089



Tritanopia

52.8368, 0.3055, 0.3108

Trichromacy



Original Color

52.6933, 0.3078, 0.3144

Protanomaly

52.8633, 0.3061, 0.3156

Deuteranomaly

52.4090, 0.3128, 0.3098

Tritanomaly

52.7886, 0.3063, 0.3120

Monochromacy



Original Color

52.6933, 0.3078, 0.3144

Achromatopsia

53.3276, 0.3127, 0.3290

Achromatomaly

53.1541, 0.3113, 0.3241

CSS Examples

Text

The CSS property to change the color of the text to Yxy 52.6933, 0.3078, 0.3144 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(195, 190, 202)` looks like.

```
.text, #text, p{  
    color:rgb(195, 190, 202)  
}
```

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(195, 190, 202) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(195, 190, 202) }
```

Border

The CSS property to change the border of an element to Yxy 52.6933, 0.3078, 0.3144 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(195, 190, 202) }
```

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

```
.border{ border-color:rgb(195, 190, 202) }
```

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

Here you see how a box with a 4 pixel `rgb(195, 190, 202)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(195, 190, 202); -webkit-box-  
shadow:4px 4px 4px 4px rgb(195, 190, 202);  
box-shadow:4px 4px 4px 4px rgb(195, 190,  
202) }
```


Background

The CSS property to change the background color of an element to Yxy 52.6933, 0.3078, 0.3144 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(195, 190, 202) }
```

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

```
.background{ background-color: rgb(195,  
190, 202) }
```

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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