

Converting Colors

$Yxy(46.8025, 0.3098, 0.3084)$

Have a look what the booklet for
Yxy(46.8025, 0.3098, 0.3084)
contains.

Yxy(46.7281, 0.3094, 0.3076)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(46.7281, 0.3094, 0.3076)

Conversions

Conversions Part 1

Format	Color
Hex	BEB2C3
RGB	190, 178, 195
RGB Percent	75%, 70%, 76%
CMY	0.2550, 0.3019, 0.2352
CMYK	0.03, 0.09, 0.00, 0.24
HSL	282°, 12%, 73%
HSV	282°, 9%, 76%
XYZ	47.0015, 46.7281, 58.1823
YIQ	183.5260, 1.6950, 7.8310

Conversions

Conversions Part 2

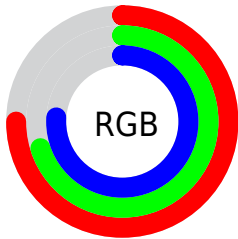
Format	Color
R_{YB}	190, 178, 195
Decimal	12497603
CIE Lab	74.02, 7.39, -7.10
CIE LCh	74, 10.249, 316.177
Yxy	46.7281, 0.3094, 0.3076
Android (android.graphics.Color)	4290687683 (0xFFBEB2C3)
YUV	183.5260, 5.6567, 5.6777
Hunter-Lab	68.3580, 3.1066, -2.6136

Details

The Yxy color $46.7281, 0.3094, 0.3076$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $52.3284, 0.3157, 0.3508$, and the grayscale version is $47.6250, 0.3127, 0.3290$.

A 20% lighter version of the original color is $85.4667, 0.3096, 0.3113$, and $21.9087, 0.3093, 0.3017$ is the 20% darker color. If you saturate the color by 10%, you get $38.7818, 0.3049, 0.2817$, and if you desaturate by 10%, it is $55.8113, 0.3132, 0.3320$.

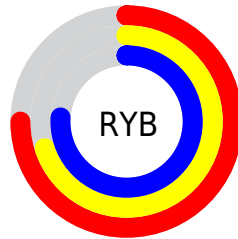
Distribution



Red (75%)

Green (70%)

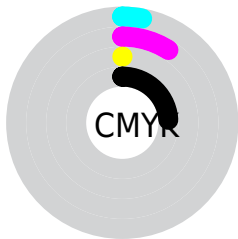
Blue (76%)



Red (75%)

Yellow (70%)

Blue (76%)

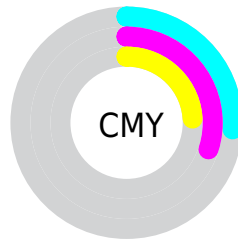


Cyan (3%)

Magenta (9%)

Yellow (0%)

Black (24%)



Cyan (26%)


Magenta (30%)

Yellow (24%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 46.7281, 0.3094, 0.3076 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 46.7281, 0.3094, 0.3076 by changing the saturation by 10% instead.


 46.7281, 0.3094,
0.3076

 46.7281, 0.3094,
0.3076


373.7282, 0.3111,
0.3182

 32.8208, 0.3090,
0.3050


 85.3076, 0.3100,
0.3114

 21.9892, 0.3084,
0.3017


110.7486, 0.3103,
0.3128

 13.8489, 0.3076,
0.2974


140.8029, 0.3105,
0.3141

 8.0157, 0.3064,
0.2914

175.8549, 0.3106,
0.3151

 4.1050, 0.3046,
0.2826

216.2891, 0.3108,
0.3160

 1.7325, 0.3015,
0.2685

262.4897, 0.3109,

 0.4445, 0.2974,

0.3168

0.2192

314.8413, 0.3110,
0.3175

0.0000, 0.0000,
0.0000

46.7281, 0.3094,
0.3076

46.7281, 0.3094,
0.3076

38.7818, 0.3049,
0.2817

55.8113, 0.3132,
0.3320

31.9198, 0.2996,
0.2548

66.0692, 0.3162,
0.3547

26.0941, 0.2935,
0.2276

77.5455, 0.3187,
0.3755

21.2508, 0.2867,
0.2010

89.6268, 0.3208,
0.3934

17.3311, 0.2793,
0.1763

90.5090, 0.3246,
0.3927

■ 14.2695, 0.2714,
0.1544

■ 91.4224, 0.3283,
0.3920

■ 11.9922, 0.2633,
0.1365

■ 92.3674, 0.3321,
0.3912

■ 10.4120, 0.2554,
0.1232

■ 93.3443, 0.3359,
0.3904

■ 9.3859, 0.2477,
0.1143

■ 94.3533, 0.3397,
0.3897

Harmonies

Analogous

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



46.7281, 0.2961, 0.3048



46.7281, 0.3094, 0.3076



46.7281, 0.3238, 0.3158

Triad

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



46.7281, 0.3094, 0.3076



46.7281, 0.3385, 0.3495



46.7281, 0.2904, 0.3300

Complementary

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



46.7281, 0.3094, 0.3076



52.3284, 0.3157, 0.3508

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.



46.7281, 0.3014, 0.3428



46.7281, 0.3094, 0.3076



46.7281, 0.3292, 0.3541

Square

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



46.7281, 0.3094, 0.3076



46.7281, 0.3409, 0.3397



46.7281, 0.3155, 0.3517



46.7281, 0.2854, 0.3173

Rectangle

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



46.7281, 0.3094, 0.3076



46.7281, 0.3321, 0.3233



46.7281, 0.3155, 0.3517



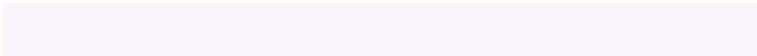
46.7281, 0.2935, 0.3345

Sweetspot

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



46.7301, 0.3094, 0.3076



92.6481, 0.3116, 0.3217



47.3218, 0.2994, 0.3136



19.9974, 0.3113, 0.3197



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.



46.7301, 0.3094, 0.3076



81.5114, 0.3088, 0.3040



47.2394, 0.3164, 0.3120



10.0925, 0.3091, 0.3060



6.0682, 0.2477, 0.1138



0.2965, 0.2647, 0.1232

Inverse Universe

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



46.8720, 0.3235, 0.3227



81.8108, 0.3254, 0.3216



51.8583, 0.3092, 0.3466



10.1260, 0.3243, 0.3222



7.7517, 0.5747, 0.2940



0.3474, 0.5093, 0.2579

Previews

White Background



This preview shows how the Yxy color 46.7281, 0.3094, 0.3076 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 46.7281, 0.3094, 0.3076 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

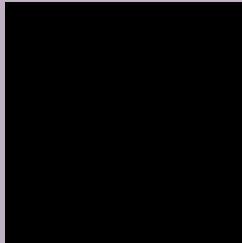
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 46.7281, 0.3094, 0.3076

Background



This preview shows how black text looks on a background with the Yxy color 46.7281, 0.3094, 0.3076.



This preview shows how white text looks on a background with the Yxy color 46.7281, 0.3094, 0.3076.

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

46.7281, 0.3094, 0.3076

Protanopia

46.9027, 0.3003, 0.3085

Deuteranopia

46.8537, 0.3129, 0.3066



Tritanopia

46.5937, 0.3118, 0.3113

Trichromacy



Original Color

46.7281, 0.3094, 0.3076

Protanomaly

46.8184, 0.3036, 0.3086

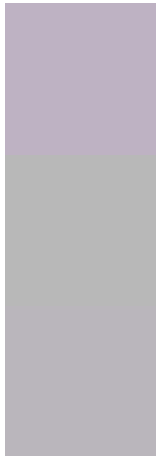
Deuteranomaly

46.7219, 0.3120, 0.3065

Tritanomaly

46.6382, 0.3110, 0.3101

Monochromacy



Original Color

46.7281, 0.3094, 0.3076

Achromatopsia

47.9320, 0.3127, 0.3290

Achromatomaly

47.5258, 0.3114, 0.3213

CSS Examples

Text

The CSS property to change the color of the text to Yxy 46.7281, 0.3094, 0.3076 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(190, 178, 195)` looks like.

```
.text, #text, p{  
    color:rgb(190, 178, 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(190, 178, 195) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(190, 178, 195) }
```

Border

The CSS property to change the border of an element to Yxy 46.7281, 0.3094, 0.3076 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(190, 178, 195) }
```

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

```
.border{ border-color:rgb(190, 178, 195) }
```

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

Here you see how a box with a 4 pixel `rgb(190, 178, 195)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(190, 178, 195); -webkit-box-  
shadow:4px 4px 4px 4px rgb(190, 178, 195);  
box-shadow:4px 4px 4px 4px rgb(190, 178,  
195) }
```


Background

The CSS property to change the background color of an element to Yxy 46.7281, 0.3094, 0.3076 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(190, 178, 195) }
```

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

```
.background{ background-color: rgb(190,  
178, 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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