

Converting Colors

$Yxy(48.6811, 0.3120, 0.3092)$

Have a look what the booklet for
Yxy(48.6811, 0.3120, 0.3092)
contains.

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Color

Yxy(48.6811, 0.3120, 0.3092)

Conversions

Conversions Part 1

Format	Color
Hex	C3B5C5
RGB	195, 181, 197
RGB Percent	76%, 71%, 77%
CMY	0.2350, 0.2903, 0.2274
CMYK	0.01, 0.08, 0.00, 0.23
HSL	293°, 12%, 74%
HSV	293°, 8%, 77%
XYZ	49.1219, 48.6811, 59.6391
YIQ	187.0100, 3.2080, 7.9440

Conversions

Conversions Part 2

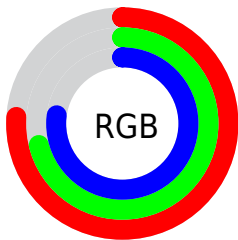
Format	Color
R _Y B	195, 181, 197
Decimal	12826053
CIE Lab	75.25, 7.92, -6.31
CIE LCh	75, 10.125, 321.471
Yxy	48.6811, 0.3120, 0.3092
Android (android.graphics.Color)	4291016133 (0xFFC3B5C5)
YUV	187.0100, 4.9251, 7.0072
Hunter-Lab	69.7718, 3.5698, -1.8392

Details

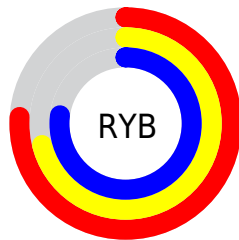
The Yxy color `48.6811, 0.3120, 0.3092` is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be `53.3331, 0.3133, 0.3494`, and the grayscale version is `49.6762, 0.3127, 0.3290`.

A 20% lighter version of the original color is `88.4196, 0.3122, 0.3125`, and `23.0842, 0.3116, 0.3040` is the 20% darker color. If you saturate the color by 10%, you get `40.9146, 0.3109, 0.2840`, and if you desaturate by 10%, it is `57.5898, 0.3129, 0.3334`.

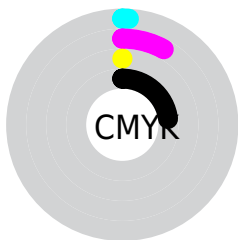
Distribution



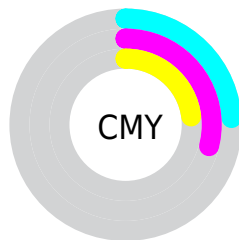
- Red (76%)
- Green (71%)
- Blue (77%)



- Red (76%)
- Yellow (71%)
- Blue (77%)



- Cyan (1%)
- Magenta (8%)
- Yellow (0%)
- Black (23%)





- Cyan (24%)
- Magenta (29%)
- Yellow (23%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 48.6811, 0.3120, 0.3092 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 48.6811, 0.3120, 0.3092 by changing the saturation by 10% instead.


 48.6811, 0.3120,
0.3092

 48.6811, 0.3120,
0.3092

381.4855, 0.3124,
0.3189

 34.3666, 0.3119,
0.3068


 88.2176, 0.3122,
0.3127

 23.1754, 0.3117,
0.3038


114.2084, 0.3122,
0.3140

 14.7230, 0.3115,
0.2999


144.8601, 0.3123,
0.3151

 8.6252, 0.3111,
0.2945

180.5571, 0.3123,
0.3161

 4.4976, 0.3105,
0.2867

221.6837, 0.3123,
0.3169

 1.9556, 0.3094,
0.2743

268.6244, 0.3124,

 0.5815, 0.3101,

0.3177

0.2417

321.7635, 0.3124,
0.3183

0.0000, 0.0000,
0.0000

48.6811, 0.3120,
0.3092

48.6811, 0.3120,
0.3092

40.9146, 0.3109,
0.2840

57.5898, 0.3129,
0.3334

34.2368, 0.3094,
0.2584

67.6789, 0.3135,
0.3562

28.5989, 0.3076,
0.2331

78.9926, 0.3138,
0.3774

23.9464, 0.3054,
0.2091

88.4788, 0.3144,
0.3923

20.2196, 0.3029,
0.1874

88.8207, 0.3159,
0.3920

■ 17.3522, 0.3001,
0.1689

■ 89.1677, 0.3174,
0.3917

■ 15.2693, 0.2971,
0.1544

■ 89.5200, 0.3189,
0.3914

■ 13.8829, 0.2941,
0.1443

■ 89.8775, 0.3204,
0.3911

■ 13.0589, 0.2909,
0.1383

■ 90.2403, 0.3219,
0.3908

Harmonies

Analogous

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



48.6811, 0.2986, 0.3054



48.6811, 0.3120, 0.3092



48.6811, 0.3259, 0.3179

Triad

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



48.6811, 0.3120, 0.3092



48.6811, 0.3367, 0.3502



48.6811, 0.2896, 0.3277

Complementary

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



48.6811, 0.3120, 0.3092



53.3331, 0.3133, 0.3494

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.



48.6811, 0.2995, 0.3404



48.6811, 0.3120, 0.3092



48.6811, 0.3266, 0.3535

Square

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



48.6811, 0.3120, 0.3092



48.6811, 0.3403, 0.3414



48.6811, 0.3130, 0.3500



48.6811, 0.2859, 0.3157

Rectangle

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



48.6811, 0.3120, 0.3092



48.6811, 0.3334, 0.3255



48.6811, 0.3130, 0.3500



48.6811, 0.2923, 0.3321

Sweetspot

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



48.6832, 0.3120, 0.3092



96.6719, 0.3126, 0.3241



47.7693, 0.3003, 0.3112



20.7266, 0.3126, 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.



48.6832, 0.3120, 0.3092



84.2136, 0.3118, 0.3042



48.6799, 0.3183, 0.3164



10.7488, 0.3119, 0.3061



8.5265, 0.2908, 0.1375



0.4226, 0.2974, 0.1412

Inverse Universe

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



48.3281, 0.3250, 0.3266



83.4358, 0.3284, 0.3260



53.3427, 0.3075, 0.3419



10.6575, 0.3271, 0.3262



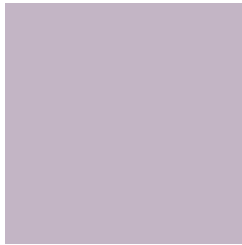
7.8575, 0.6235, 0.3208



0.3792, 0.5794, 0.2966

Previews

White Background



This preview shows how the Yxy color 48.6811, 0.3120, 0.3092 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 48.6811, 0.3120, 0.3092 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

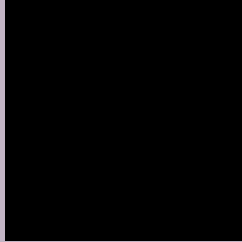
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 48.6811, 0.3120, 0.3092

Background



This preview shows how black text looks on a background with the Yxy color 48.6811, 0.3120, 0.3092.



This preview shows how white text looks on a background with the Yxy color 48.6811, 0.3120, 0.3092.

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

48.6811, 0.3120, 0.3092

Protanopia

48.7188, 0.3021, 0.3101

Deuteranopia

48.6795, 0.3145, 0.3082



Tritanopia

48.5900, 0.3135, 0.3117

Trichromacy



Original Color

48.6811, 0.3120, 0.3092

Protanomaly

48.7630, 0.3061, 0.3102

Deuteranomaly

48.5441, 0.3137, 0.3081

Tritanomaly

48.6354, 0.3127, 0.3105

Monochromacy



Original Color

48.6811, 0.3120, 0.3092

Achromatopsia

49.6933, 0.3127, 0.3290

Achromatomaly

49.4067, 0.3122, 0.3215

CSS Examples

Text

The CSS property to change the color of the text to Yxy 48.6811, 0.3120, 0.3092 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, 181, 197)` looks like.

```
.text, #text, p{  
    color:rgb(195, 181, 197)  
}
```

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, 181, 197) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(195, 181, 197) }
```

Border

The CSS property to change the border of an element to Yxy 48.6811, 0.3120, 0.3092 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, 181, 197) }
```

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

```
.border{ border-color:rgb(195, 181, 197) }
```

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

Here you see how a box with a 4 pixel `rgb(195, 181, 197)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(195, 181, 197); -webkit-box-  
shadow:4px 4px 4px 4px rgb(195, 181, 197);  
box-shadow:4px 4px 4px 4px rgb(195, 181,  
197) }
```


Background

The CSS property to change the background color of an element to Yxy 48.6811, 0.3120, 0.3092 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(195, 181, 197) }
```

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

```
.background{ background-color: rgb(195,  
181, 197) }
```

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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