

Converting Colors

Yxy(50.0666, 0.3101, 0.3142)

Have a look what the booklet for
Yxy(50.0666, 0.3101, 0.3142)
contains.

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Color

Yxy(50.0666, 0.3101, 0.3142)

Conversions

Conversions Part 1

Format	Color
Hex	C1B9C5
RGB	193, 185, 197
RGB Percent	76%, 73%, 77%
CMY	0.2432, 0.2745, 0.2276
CMYK	0.02, 0.06, 0.00, 0.23
HSL	280°, 9%, 75%
HSV	280°, 6%, 77%
XYZ	49.4133, 50.0666, 59.8664
YIQ	188.7600, 0.9160, 5.4280

Conversions

Conversions Part 2

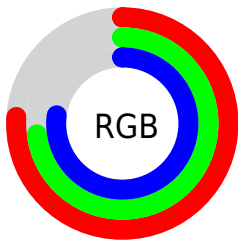
Format	Color
RYP	193, 185, 197
Decimal	12696005
CIE Lab	76.11, 5.02, -5.04
CIE LCh	76, 7.108, 314.885
Yxy	50.0666, 0.3101, 0.3142
Android (android.graphics.Color)	4290886085 (0xFFC1B9C5)
YUV	188.7600, 4.0623, 3.7185
Hunter-Lab	70.7578, 0.8284, -0.6334

Details

The Yxy color $50.0666, 0.3101, 0.3142$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $54.2435, 0.3152, 0.3440$, and the grayscale version is $50.7198, 0.3127, 0.3290$.

A 20% lighter version of the original color is $90.2061, 0.3101, 0.3164$, and $23.9747, 0.3091, 0.3106$ is the 20% darker color. If you saturate the color by 10%, you get $41.5449, 0.3051, 0.2885$, and if you desaturate by 10%, it is $59.7727, 0.3143, 0.3382$.

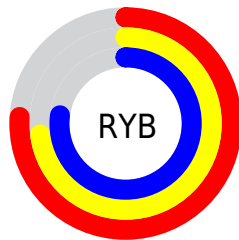
Distribution



Red (76%)

Green (73%)

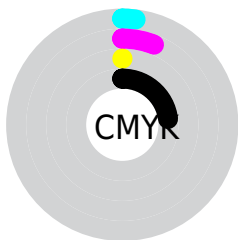
Blue (77%)



Red (76%)

Yellow (73%)

Blue (77%)

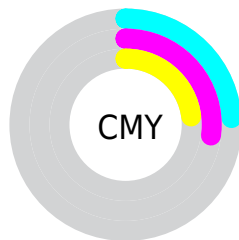


Cyan (2%)

Magenta (6%)

Yellow (0%)

Black (23%)



Cyan (24%)

Magenta (27%)

Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 50.0666, 0.3101, 0.3142 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 50.0666, 0.3101, 0.3142 by changing the saturation by 10% instead.

■ 50.0666, 0.3101,
0.3142

■ 50.0666, 0.3101,
0.3142

386.9263, 0.3114,
0.3215

■ 35.4663, 0.3098,
0.3124

■ 90.2735, 0.3106,
0.3168

■ 24.0223, 0.3093,
0.3102

116.6490, 0.3108,
0.3178

■ 15.3502, 0.3088,
0.3072

147.7183, 0.3109,
0.3186

■ 9.0655, 0.3079,
0.3032

183.8658, 0.3110,
0.3193

■ 4.7839, 0.3067,
0.2974

225.4760, 0.3112,
0.3200

■ 2.1211, 0.3047,
0.2881

272.9332, 0.3113,

■ 0.6764, 0.3018,

0.3205

0.2667

326.6219, 0.3113,
0.3210

0.0000, 0.0000,
0.0000

50.0666, 0.3101,
0.3142

50.0666, 0.3101,
0.3142

41.5449, 0.3051,
0.2885

59.7727, 0.3143,
0.3382

34.1541, 0.2993,
0.2616

70.7013, 0.3177,
0.3604

27.8459, 0.2926,
0.2340

82.8966, 0.3205,
0.3805

22.5660, 0.2850,
0.2066

90.6528, 0.3237,
0.3905

18.2556, 0.2767,
0.1806

91.6943, 0.3279,
0.3897

■ 14.8494, 0.2678,
0.1571

■ 92.7765, 0.3322,
0.3889

■ 12.2739, 0.2588,
0.1374

■ 93.8999, 0.3365,
0.3881

■ 10.4440, 0.2498,
0.1222

■ 95.0648, 0.3409,
0.3872

■ 9.2519, 0.2412,
0.1118

■ 96.2719, 0.3453,
0.3864

Harmonies

Analogous

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



50.0666, 0.3011, 0.3125



50.0666, 0.3101, 0.3142



50.0666, 0.3199, 0.3197

Triad

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



50.0666, 0.3101, 0.3142



50.0666, 0.3304, 0.3428



50.0666, 0.2978, 0.3302

Complementary

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



50.0666, 0.3101, 0.3142



54.2435, 0.3152, 0.3440

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.



50.0666, 0.3054, 0.3386



50.0666, 0.3101, 0.3142



50.0666, 0.3243, 0.3459

Square

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



50.0666, 0.3101, 0.3142



50.0666, 0.3317, 0.3360



50.0666, 0.3151, 0.3444



50.0666, 0.2941, 0.3215

Rectangle

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



50.0666, 0.3101, 0.3142



50.0666, 0.3255, 0.3248



50.0666, 0.3151, 0.3444



50.0666, 0.3000, 0.3331

Sweetspot

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



50.0687, 0.3101, 0.3142



96.4677, 0.3119, 0.3241



50.8271, 0.3035, 0.3192



20.6851, 0.3119, 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.



50.0687, 0.3101, 0.3142



88.0230, 0.3096, 0.3116



50.5186, 0.3148, 0.3165



11.0065, 0.3094, 0.3106



5.8862, 0.2390, 0.1090



0.3171, 0.2565, 0.1186

Inverse Universe

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



50.2447, 0.3196, 0.3241



88.3928, 0.3209, 0.3232



53.8163, 0.3107, 0.3418



11.0558, 0.3214, 0.3229



8.0784, 0.5616, 0.2867



0.3960, 0.5022, 0.2540

Previews

White Background



This preview shows how the Yxy color 50.0666, 0.3101, 0.3142 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 50.0666, 0.3101, 0.3142 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

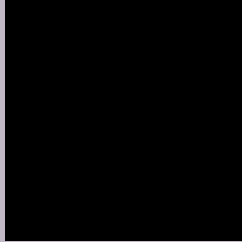
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

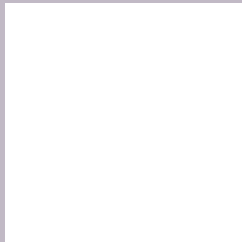
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 50.0666, 0.3101, 0.3142

Background



This preview shows how black text looks on a background with the Yxy color 50.0666, 0.3101, 0.3142.

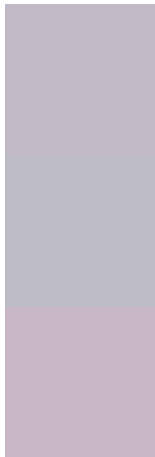


This preview shows how white text looks on a background with the Yxy color 50.0666, 0.3101, 0.3142.

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

50.0666, 0.3101, 0.3142

Protanopia

50.3092, 0.3052, 0.3153

Deuteranopia

49.9506, 0.3162, 0.3096



Tritanopia

50.1589, 0.3086, 0.3117

Trichromacy



Original Color

50.0666, 0.3101, 0.3142

Protanomaly

50.1422, 0.3068, 0.3141

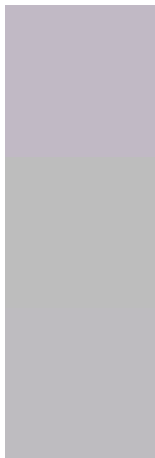
Deuteranomaly

49.9500, 0.3136, 0.3107

Tritanomaly

50.1126, 0.3093, 0.3129

Monochromacy



Original Color

50.0666, 0.3101, 0.3142

Achromatopsia

50.8881, 0.3127, 0.3290

Achromatomaly

50.7194, 0.3113, 0.3240

CSS Examples

Text

The CSS property to change the color of the text to Yxy 50.0666, 0.3101, 0.3142 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(193, 185, 197)` looks like.

```
.text, #text, p{  
    color:rgb(193, 185, 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(193, 185, 197) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(193, 185, 197) }
```

Border

The CSS property to change the border of an element to Yxy 50.0666, 0.3101, 0.3142 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(193, 185, 197) }
```

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

```
.border{ border-color:rgb(193, 185, 197) }
```

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

Here you see how a box with a 4 pixel `rgb(193, 185, 197)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(193, 185, 197); -webkit-box-  
shadow:4px 4px 4px 4px rgb(193, 185, 197);  
box-shadow:4px 4px 4px 4px rgb(193, 185,  
197) }
```


Background

The CSS property to change the background color of an element to Yxy 50.0666, 0.3101, 0.3142 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(193, 185, 197) }
```

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

```
.background{ background-color: rgb(193,  
185, 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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