

Converting Colors

Yxy(50.4768, 0.2958, 0.2949)

Have a look what the booklet for
Yxy(50.4768, 0.2958, 0.2949)
contains.

Yxy(50.4492, 0.2958, 0.2949)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(50.4492, 0.2958, 0.2949)

Conversions

Conversions Part 1

Format	Color
Hex	BEB9D5
RGB	190, 185, 213
RGB Percent	75%, 73%, 84%
CMY	0.2547, 0.2745, 0.1647
CMYK	0.11, 0.13, 0.00, 0.16
HSL	251°, 25%, 78%
HSV	251°, 13%, 84%
XYZ	50.6032, 50.4492, 70.0199
YIQ	189.6870, -6.0080, 9.7680

Conversions

Conversions Part 2

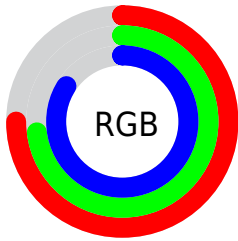
Format	Color
R _Y B	190, 185, 213
Decimal	12499413
CIE Lab	76.34, 7.21, -13.42
CIE LCh	76, 15.230, 298.250
Yxy	50.4492, 0.2958, 0.2949
Android (android.graphics.Color)	4290689493 (0xFFBEB9D5)
YUV	189.6870, 11.4933, 0.2745
Hunter-Lab	71.0276, 2.8729, -8.7295

Details

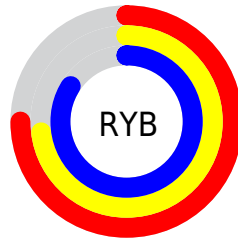
The Yxy color **50.4492, 0.2958, 0.2949** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **64.4913, 0.3284, 0.3617**, and the grayscale version is **51.2431, 0.3127, 0.3290**.

A 20% lighter version of the original color is **89.7234, 0.3075, 0.3153**, and **24.2895, 0.2919, 0.2866** is the 20% darker color. If you saturate the color by 10%, you get **40.0826, 0.2808, 0.2656**, and if you desaturate by 10%, it is **62.4241, 0.3089, 0.3213**.

Distribution



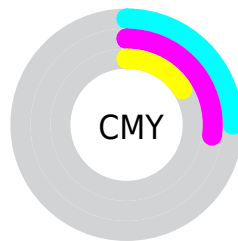
- Red (75%)
- Green (73%)
- Blue (84%)



- Red (75%)
- Yellow (73%)
- Blue (84%)



- Cyan (11%)
- Magenta (13%)
- Yellow (0%)
- Black (16%)



- Cyan (25%)
- Magenta (27%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 50.4492, 0.2958, 0.2949 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 50.4492, 0.2958, 0.2949 by changing the saturation by 10% instead.

■ 50.4492, 0.2958,
0.2949

■ 50.4492, 0.2958,
0.2949

388.4200, 0.3042,
0.3114

■ 35.7704, 0.2937,
0.2909

■ 90.8401, 0.2988,
0.3008

■ 24.2570, 0.2911,
0.2859

117.3210, 0.3000,
0.3030

■ 15.5243, 0.2876,
0.2794

148.5047, 0.3010,
0.3049

■ 9.1882, 0.2827,
0.2707

184.7757, 0.3018,
0.3066

■ 4.8641, 0.2756,
0.2581

226.5184, 0.3025,
0.3080

■ 2.1678, 0.2642,
0.2390

274.1170, 0.3032,

■ 0.7023, 0.2443,

0.3093

0.2034

327.9561, 0.3037,
0.3104

0.0000, 0.0000,
0.0000

50.4492, 0.2958,
0.2949

50.4492, 0.2958,
0.2949

40.0826, 0.2808,
0.2656

62.4241, 0.3089,
0.3213

31.2494, 0.2640,
0.2338

76.0654, 0.3203,
0.3447

23.8780, 0.2458,
0.2003

91.4361, 0.3301,
0.3653

17.8887, 0.2266,
0.1667

97.5840, 0.3376,
0.3701

13.1940, 0.2076,
0.1347

■ 9.6964, 0.1899,
0.1067

■ 7.2841, 0.1749,
0.0848

■ 5.8235, 0.1634,
0.0704

■ 5.2253, 0.1577,
0.0642

Harmonies

Analogous

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



50.4492, 0.2803, 0.2959



50.4492, 0.2958, 0.2949



50.4492, 0.3163, 0.3023

Triad

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



50.4492, 0.2958, 0.2949



50.4492, 0.3537, 0.3505



50.4492, 0.2891, 0.3419

Complementary

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



50.4492, 0.2958, 0.2949



64.4913, 0.3284, 0.3617

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.



50.4492, 0.3081, 0.3580



50.4492, 0.2958, 0.2949



50.4492, 0.3457, 0.3624

Square

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



50.4492, 0.2958, 0.2949



50.4492, 0.3503, 0.3336



50.4492, 0.3289, 0.3655



50.4492, 0.2765, 0.3225

Rectangle

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



50.4492, 0.2958, 0.2949



50.4492, 0.3301, 0.3110



50.4492, 0.3289, 0.3655



50.4492, 0.2949, 0.3479

Sweetspot

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



50.4513, 0.2958, 0.2949



92.1131, 0.3079, 0.3191



60.3902, 0.2926, 0.3233



19.4083, 0.3069, 0.3172



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.



50.4513, 0.2958, 0.2949



70.8764, 0.2915, 0.2864



52.2874, 0.3066, 0.2960



12.1155, 0.3009, 0.3051



3.2238, 0.1586, 0.0648



0.2275, 0.1742, 0.0733

Inverse Universe

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



53.3907, 0.3181, 0.3024



76.2087, 0.3195, 0.2962



62.6028, 0.3180, 0.3628



12.5924, 0.3165, 0.3101



10.5340, 0.3723, 0.1825



0.6456, 0.3619, 0.1767

Previews

White Background



This preview shows how the Yxy color 50.4492, 0.2958, 0.2949 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 50.4492, 0.2958, 0.2949 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

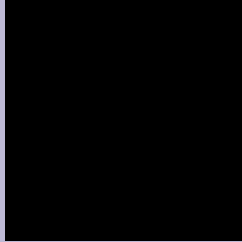
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 50.4492, 0.2958, 0.2949

Background



This preview shows how black text looks on a background with the Yxy color 50.4492, 0.2958, 0.2949.



This preview shows how white text looks on a background with the Yxy color 50.4492, 0.2958, 0.2949.

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

50.4492, 0.2958, 0.2949

Protanopia

50.5860, 0.2905, 0.2958

Deuteranopia

50.2732, 0.2997, 0.2929



Tritanopia

50.4963, 0.3022, 0.3104

Trichromacy



Original Color

50.4492, 0.2958, 0.2949

Protanomaly

50.4120, 0.2920, 0.2947

Deuteranomaly

50.4225, 0.2981, 0.2939

Tritanomaly

50.3929, 0.3001, 0.3043

Monochromacy



Original Color

50.4492, 0.2958, 0.2949

Achromatopsia

51.4918, 0.3127, 0.3290

Achromatomaly

50.9908, 0.3068, 0.3166

CSS Examples

Text

The CSS property to change the color of the text to Yxy 50.4492, 0.2958, 0.2949 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, 185, 213)` looks like.

```
.text, #text, p{  
    color:rgb(190, 185, 213)  
}
```

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, 185, 213) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(190, 185, 213) }
```

Border

The CSS property to change the border of an element to Yxy 50.4492, 0.2958, 0.2949 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, 185, 213) }
```

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

```
.border{ border-color:rgb(190, 185, 213) }
```

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

Here you see how a box with a 4 pixel `rgb(190, 185, 213)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(190, 185, 213); -webkit-box-  
shadow:4px 4px 4px 4px rgb(190, 185, 213);  
box-shadow:4px 4px 4px 4px rgb(190, 185,  
213) }
```


Background

The CSS property to change the background color of an element to Yxy 50.4492, 0.2958, 0.2949 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(190, 185, 213) }
```

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

```
.background{ background-color: rgb(190,  
185, 213) }
```

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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