

Converting Colors

Yxy(50.1969, 0.3144, 0.2975)

Have a look what the booklet for
Yxy(50.1969, 0.3144, 0.2975)
contains.

Yxy(50.3641, 0.3150, 0.2982)	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(50.3641, 0.3150, 0.2982)

Conversions

Conversions Part 1

Format	Color
Hex	CFB4CE
RGB	207, 180, 206
RGB Percent	81%, 71%, 81%
CMY	0.1881, 0.2941, 0.1920
CMYK	0.00, 0.13, 0.00, 0.19
HSL	302°, 22%, 76%
HSV	302°, 13%, 81%
XYZ	53.2015, 50.3641, 65.3281
YIQ	191.0370, 7.7460, 13.8100

Conversions

Conversions Part 2

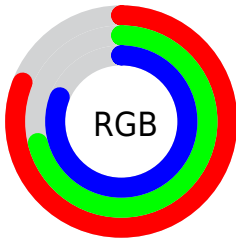
Format	Color
R _Y B	207, 180, 206
Decimal	13612238
CIE Lab	76.29, 14.25, -9.56
CIE LCh	76, 17.163, 326.148
Yxy	50.3641, 0.3150, 0.2982
Android (android.graphics.Color)	4291802318 (0xFFCFB4CE)
YUV	191.0370, 7.3768, 13.9996
Hunter-Lab	70.9677, 9.6206, -4.9010

Details

The Yxy color **50.3641, 0.3150, 0.2982** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **57.6756, 0.3104, 0.3619**, and the grayscale version is **52.0791, 0.3127, 0.3290**.

A 20% lighter version of the original color is **88.4709, 0.3136, 0.3107**, and **24.2180, 0.3157, 0.2897** is the 20% darker color. If you saturate the color by 10%, you get **42.5860, 0.3169, 0.2741**, and if you desaturate by 10%, it is **59.3951, 0.3132, 0.3219**.

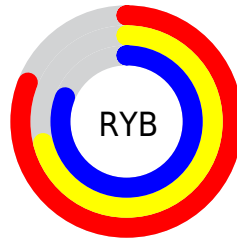
Distribution



Red (81%)

Green (71%)

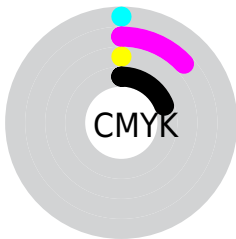
Blue (81%)



Red (81%)

Yellow (71%)

Blue (81%)

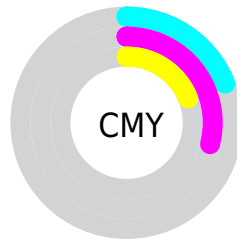


Cyan (0%)

Magenta (13%)

Yellow (0%)

Black (19%)



Cyan (19%)

Magenta (29%)

Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 50.3641, 0.3150, 0.2982 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 50.3641, 0.3150, 0.2982 by changing the saturation by 10% instead.

■ 50.3641, 0.3150,
0.2982

■ 50.3641, 0.3150,
0.2982

388.0881, 0.3140,
0.3130

■ 35.7028, 0.3152,
0.2947

■ 90.7141, 0.3147,
0.3035

■ 24.2047, 0.3154,
0.2902

117.1716, 0.3146,
0.3055

■ 15.4856, 0.3157,
0.2844

148.3299, 0.3144,
0.3072

■ 9.1609, 0.3160,
0.2766

184.5735, 0.3143,
0.3087

■ 4.8463, 0.3162,
0.2655

226.2867, 0.3143,
0.3100

■ 2.1573, 0.3164,
0.2485

273.8539, 0.3142,

■ 0.6966, 0.3170,

0.3111

0.2161

327.6596, 0.3141,
0.3121

0.0000, 0.0000,
0.0000

50.3641, 0.3150,
0.2982

50.3641, 0.3150,
0.2982

42.5860, 0.3169,
0.2741

59.3951, 0.3132,
0.3219

35.9991, 0.3189,
0.2503

69.7243, 0.3116,
0.3447

30.5463, 0.3209,
0.2276

81.4025, 0.3101,
0.3662

26.1632, 0.3230,
0.2071

89.3961, 0.3091,
0.3785

22.7791, 0.3249,
0.1895

89.4340, 0.3087,
0.3776

■ 20.3146, 0.3267,
0.1758

■ 89.4720, 0.3083,
0.3768

■ 18.6783, 0.3282,
0.1664

■ 89.5102, 0.3079,
0.3759

■ 17.7603, 0.3296,
0.1612

■ 89.5486, 0.3075,
0.3751

■ 17.4114, 0.3304,
0.1594

■ 89.5871, 0.3070,
0.3743

Harmonies

Analogous

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



50.3641, 0.2922, 0.2905



50.3641, 0.3150, 0.2982



50.3641, 0.3380, 0.3134

Triad

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



50.3641, 0.3150, 0.2982



50.3641, 0.3509, 0.3660



50.3641, 0.2727, 0.3230

Complementary

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



50.3641, 0.3150, 0.2982



57.6756, 0.3104, 0.3619

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.



50.3641, 0.2874, 0.3450



50.3641, 0.3150, 0.2982



50.3641, 0.3324, 0.3704

Square

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



50.3641, 0.3150, 0.2982



50.3641, 0.3591, 0.3518



50.3641, 0.3091, 0.3628



50.3641, 0.2684, 0.3038

Rectangle

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



50.3641, 0.3150, 0.2982



50.3641, 0.3500, 0.3260



50.3641, 0.3091, 0.3628



50.3641, 0.2766, 0.3304

Sweetspot

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



50.3663, 0.3150, 0.2982



93.6397, 0.3134, 0.3196



46.9568, 0.2928, 0.2949



19.7949, 0.3135, 0.3178



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.



50.3663, 0.3150, 0.2982



76.5781, 0.3156, 0.2907



49.7414, 0.3258, 0.3139



12.0012, 0.3143, 0.3069



10.9703, 0.3303, 0.1593



0.6158, 0.3284, 0.1583

Inverse Universe

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



50.3663, 0.3150, 0.2982



76.5781, 0.3156, 0.2907



58.2534, 0.3013, 0.3447



12.0012, 0.3143, 0.3069



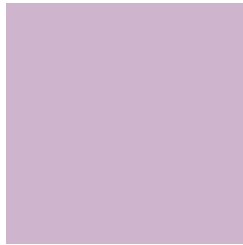
10.9703, 0.3303, 0.1593



0.6158, 0.3284, 0.1583

Previews

White Background



This preview shows how the Yxy color 50.3641, 0.3150, 0.2982 looks on a white background.

Color Contrast Check

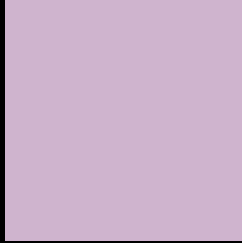
Large Text (above 18pt) WCAG AA × Fail

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 50.3641, 0.3150, 0.2982 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

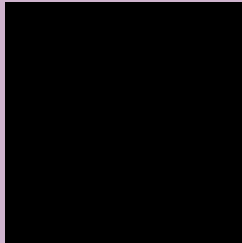
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 50.3641, 0.3150, 0.2982

Background



This preview shows how black text looks on a background with the Yxy color 50.3641, 0.3150, 0.2982.



This preview shows how white text looks on a background with the Yxy color 50.3641, 0.3150, 0.2982.

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

50.3641, 0.3150, 0.2982

Protanopia

50.5081, 0.2940, 0.3006

Deuteranopia

50.4169, 0.3090, 0.3024



Tritanopia

50.5632, 0.3220, 0.3122

Trichromacy



Original Color

50.3641, 0.3150, 0.2982

Protanomaly

50.2219, 0.3011, 0.2986

Deuteranomaly

50.4202, 0.3115, 0.3014

Tritanomaly

50.3397, 0.3189, 0.3063

Monochromacy



Original Color

50.3641, 0.3150, 0.2982

Achromatopsia

52.0996, 0.3127, 0.3290

Achromatomaly

51.3965, 0.3141, 0.3180

CSS Examples

Text

The CSS property to change the color of the text to Yxy 50.3641, 0.3150, 0.2982 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(207, 180, 206)` looks like.

```
.text, #text, p{  
    color:rgb(207, 180, 206)  
}
```

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(207, 180, 206) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(207, 180, 206) }
```

Border

The CSS property to change the border of an element to Yxy 50.3641, 0.3150, 0.2982 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(207, 180, 206) }
```

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

```
.border{ border-color:rgb(207, 180, 206) }
```

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

Here you see how a box with a 4 pixel rgb(207, 180, 206) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(207, 180, 206); -webkit-box-  
shadow:4px 4px 4px 4px rgb(207, 180, 206);  
box-shadow:4px 4px 4px 4px rgb(207, 180,  
206) }
```


Background

The CSS property to change the background color of an element to Yxy 50.3641, 0.3150, 0.2982 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(207, 180, 206) }
```

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

```
.background{ background-color: rgb(207,  
180, 206) }
```

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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