

Converting Colors

Yxy(52.3618, 0.3214, 0.3034)

Have a look what the booklet for
Yxy(52.3618, 0.3214, 0.3034)
contains.

Yxy(52.5709, 0.3215, 0.3035)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(52.5709, 0.3215, 0.3035)

Conversions

Conversions Part 1

Format	Color
Hex	D6B7CD
RGB	214, 183, 205
RGB Percent	84%, 72%, 80%
CMY	0.1607, 0.2824, 0.1962
CMYK	0.00, 0.14, 0.04, 0.16
HSL	317°, 27%, 78%
HSV	317°, 14%, 84%
XYZ	55.6888, 52.5709, 64.9558
YIQ	194.7770, 11.4140, 13.4140

Conversions

Conversions Part 2

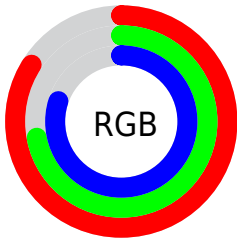
Format	Color
R_{YB}	214, 183, 205
Decimal	14071757
CIE _{Lab}	77.62, 14.85, -6.95
CIE _{LCh}	78, 16.395, 334.924
Yxy	52.5709, 0.3215, 0.3035
Android (android.graphics.Color)	4292261837 (0xFFD6B7CD)
YUV	194.7770, 5.0399, 16.8586
Hunter-Lab	72.5058, 10.2135, -2.3621

Details

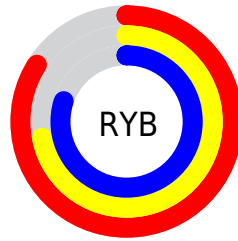
The Yxy color $52.5709, 0.3215, 0.3035$ is a light color, and the websafe version is hex `FFCCCC`. A complement of this color would be $61.9835, 0.3049, 0.3559$, and the grayscale version is $54.4003, 0.3127, 0.3290$.

A 20% lighter version of the original color is $90.2130, 0.3134, 0.3136$, and $25.5706, 0.3233, 0.2967$ is the 20% darker color. If you saturate the color by 10%, you get $44.1098, 0.3289, 0.2852$, and if you desaturate by 10%, it is $62.3911, 0.3152, 0.3213$.

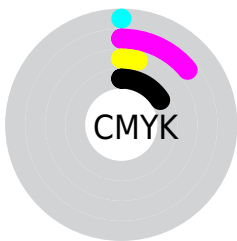
Distribution



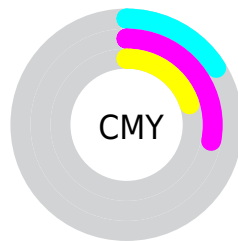
- Red (84%)
- Green (72%)
- Blue (80%)



- Red (84%)
- Yellow (72%)
- Blue (80%)



- Cyan (0%)
- Magenta (14%)
- Yellow (4%)
- Black (16%)





- Cyan (16%)
- Magenta (28%)
- Yellow (20%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 52.5709, 0.3215, 0.3035 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 52.5709, 0.3215, 0.3035 by changing the saturation by 10% instead.


 52.5709, 0.3215,
0.3035

 52.5709, 0.3215,
0.3035


396.6367, 0.3173,
0.3157

 37.4603, 0.3225,
0.3006


 93.9727, 0.3200,
0.3078

 25.5641, 0.3237,
0.2969


121.0326, 0.3195,
0.3095

 16.4978, 0.3253,
0.2922


152.8445, 0.3190,
0.3109

 9.8771, 0.3274,
0.2858

189.7927, 0.3186,
0.3121

 5.3176, 0.3304,
0.2768

232.2617, 0.3182,
0.3132

 2.4348, 0.3349,
0.2630

280.6357, 0.3179,

 0.8437, 0.3424,

0.3142

0.2393

335.2992, 0.3176,
0.3150

0.0000, 0.3605,
0.0000

0.0000, 0.0000,
0.0000

52.5709, 0.3215,
0.3035

52.5709, 0.3215,
0.3035

44.1098, 0.3289,
0.2852

62.3911, 0.3152,
0.3213

36.9404, 0.3373,
0.2668

73.6203, 0.3099,
0.3382

30.9998, 0.3470,
0.2490

86.3143, 0.3054,
0.3540

26.2171, 0.3577,
0.2328

91.5311, 0.3018,
0.3552

■ 22.5140, 0.3693,
0.2192

■ 91.8881, 0.2984,
0.3485

■ 19.8027, 0.3815,
0.2092

■ 92.2577, 0.2950,
0.3419

■ 17.9814, 0.3939,
0.2038

■ 92.6402, 0.2917,
0.3354

■ 16.9261, 0.4060,
0.2034

■ 93.0356, 0.2883,
0.3290

■ 16.5549, 0.4125,
0.2046

■ 93.0408, 0.2883,
0.3289

Harmonies

Analogous

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



52.5709, 0.2993, 0.2939



52.5709, 0.3215, 0.3035



52.5709, 0.3419, 0.3194

Triad

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



52.5709, 0.3215, 0.3035



52.5709, 0.3444, 0.3661



52.5709, 0.2727, 0.3176

Complementary

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



52.5709, 0.3215, 0.3035



61.9835, 0.3049, 0.3559

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.



52.5709, 0.2839, 0.3382



52.5709, 0.3215, 0.3035



52.5709, 0.3251, 0.3670

Square

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



52.5709, 0.3215, 0.3035



52.5709, 0.3553, 0.3552



52.5709, 0.3030, 0.3567



52.5709, 0.2717, 0.3012

Rectangle

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



52.5709, 0.3215, 0.3035



52.5709, 0.3515, 0.3317



52.5709, 0.3030, 0.3567



52.5709, 0.2754, 0.3243

Sweetspot

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



52.5732, 0.3215, 0.3035



93.4737, 0.3150, 0.3221



49.9013, 0.2964, 0.2914



19.7528, 0.3154, 0.3208



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.



52.5732, 0.3215, 0.3035



74.6044, 0.3234, 0.2986



51.8719, 0.3339, 0.3211



12.5681, 0.3182, 0.3126



10.0220, 0.4109, 0.2037



0.6186, 0.3917, 0.1932

Inverse Universe

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



52.5732, 0.3215, 0.3035



74.6044, 0.3234, 0.2986



62.6956, 0.2950, 0.3370



12.5681, 0.3182, 0.3126



10.0220, 0.4109, 0.2037



0.6186, 0.3917, 0.1932

Previews

White Background



This preview shows how the Yxy color 52.5709, 0.3215, 0.3035 looks on a white background.

Color Contrast Check

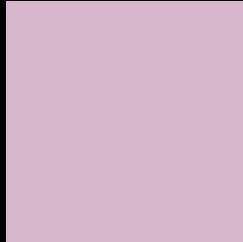
Large Text (above 18pt) WCAG AA × Fail

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 52.5709, 0.3215, 0.3035 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

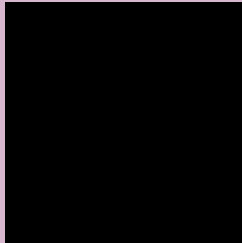
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 52.5709, 0.3215, 0.3035

Background



This preview shows how black text looks on a background with the Yxy color 52.5709, 0.3215, 0.3035.



This preview shows how white text looks on a background with the Yxy color 52.5709, 0.3215, 0.3035.

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

52.5709, 0.3215, 0.3035

Protanopia

52.8619, 0.2980, 0.3059

Deuteranopia

52.4566, 0.3145, 0.3076



Tritanopia

52.5043, 0.3261, 0.3126

Trichromacy



Original Color

52.5709, 0.3215, 0.3035

Protanomaly

52.6626, 0.3066, 0.3051

Deuteranomaly

52.4675, 0.3171, 0.3066

Tritanomaly

52.6442, 0.3237, 0.3092

Monochromacy



Original Color

52.5709, 0.3215, 0.3035

Achromatopsia

54.5724, 0.3127, 0.3290

Achromatomaly

53.9417, 0.3156, 0.3194

CSS Examples

Text

The CSS property to change the color of the text to Yxy 52.5709, 0.3215, 0.3035 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(214, 183, 205)` looks like.

```
.text, #text, p{  
    color:rgb(214, 183, 205)  
}
```

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(214, 183, 205) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(214, 183, 205) }
```

Border

The CSS property to change the border of an element to Yxy 52.5709, 0.3215, 0.3035 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(214, 183, 205) }
```

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

```
.border{ border-color:rgb(214, 183, 205) }
```

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

Here you see how a box with a 4 pixel rgb(214, 183, 205) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(214, 183, 205); -webkit-box-  
shadow:4px 4px 4px 4px rgb(214, 183, 205);  
box-shadow:4px 4px 4px 4px rgb(214, 183,  
205) }
```


Background

The CSS property to change the background color of an element to Yxy 52.5709, 0.3215, 0.3035 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(214, 183, 205) }
```

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

```
.background{ background-color: rgb(214,  
183, 205) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor