

Converting Colors

Yxy(54.4722, 0.3210, 0.3104)

Have a look what the booklet for
Yxy(54.4722, 0.3210, 0.3104)
contains.

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Color

Yxy(54.4722, 0.3210, 0.3104)

Conversions

Conversions Part 1

Format	Color
Hex	D5BCCC
RGB	213, 188, 204
RGB Percent	84%, 74%, 80%
CMY	0.1646, 0.2628, 0.1999
CMYK	0.00, 0.12, 0.04, 0.16
HSL	322°, 23%, 79%
HSV	322°, 12%, 84%
XYZ	56.3324, 54.4722, 64.6857
YIQ	197.2990, 9.7640, 10.2760

Conversions

Conversions Part 2

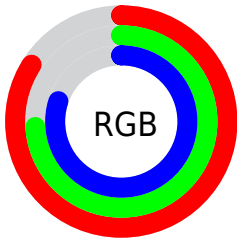
Format	Color
R _Y B	213, 188, 204
Decimal	14007500
CIE Lab	78.74, 11.65, -4.79
CIE LCh	79, 12.595, 337.638
Yxy	54.4722, 0.3210, 0.3104
Android (android.graphics.Color)	4292197580 (0xFFD5BCCC)
YUV	197.2990, 3.3036, 13.7698
Hunter-Lab	73.8053, 7.0821, -0.3003

Details

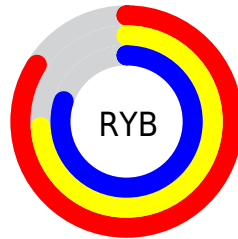
The Yxy color $54.4722, 0.3210, 0.3104$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $62.3279, 0.3053, 0.3484$, and the grayscale version is $56.0041, 0.3127, 0.3290$.

A 20% lighter version of the original color is $93.1814, 0.3132, 0.3185$, and $26.7991, 0.3227, 0.3059$ is the 20% darker color. If you saturate the color by 10%, you get $45.6761, 0.3295, 0.2938$, and if you desaturate by 10%, it is $64.6346, 0.3138, 0.3263$.

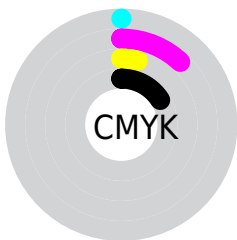
Distribution



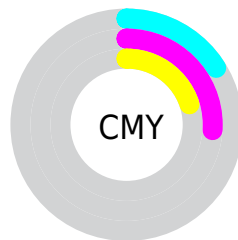
- Red (84%)
- Green (74%)
- Blue (80%)



- Red (84%)
- Yellow (74%)
- Blue (80%)



- Cyan (0%)
- Magenta (12%)
- Yellow (4%)
- Black (16%)





- Cyan (16%)
- Magenta (26%)
- Yellow (20%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 54.4722, 0.3210, 0.3104 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 54.4722, 0.3210, 0.3104 by changing the saturation by 10% instead.

 54.4722, 0.3210,
0.3104

 54.4722, 0.3210,
0.3104

403.9081, 0.3170,
0.3193

 38.9793, 0.3219,
0.3083


 96.7672, 0.3196,
0.3136

 26.7436, 0.3231,
0.3056


124.3381, 0.3191,
0.3148

 17.3808, 0.3247,
0.3021

156.7038, 0.3186,
0.3158

 10.5063, 0.3267,
0.2975

194.2487, 0.3182,
0.3167

 5.7360, 0.3297,
0.2909

237.3572, 0.3179,
0.3175

 2.6852, 0.3341,
0.2808

286.4137, 0.3175,

 0.9697, 0.3418,

0.3182

0.2634

341.8025, 0.3173,
0.3188

0.0000, 0.4531,
0.0000

0.0000, 0.0000,
0.0000

54.4722, 0.3210,
0.3104

54.4722, 0.3210,
0.3104

45.6761, 0.3295,
0.2938

64.6346, 0.3138,
0.3263

38.1803, 0.3394,
0.2770

76.2115, 0.3079,
0.3413

31.9240, 0.3509,
0.2605

89.2574, 0.3029,
0.3552

26.8386, 0.3640,
0.2451

91.6515, 0.2986,
0.3502

■ 22.8488, 0.3785,
0.2320

■ 92.1035, 0.2945,
0.3420

■ 19.8705, 0.3940,
0.2221

■ 92.5748, 0.2904,
0.3340

■ 17.8074, 0.4101,
0.2167

■ 92.8915, 0.2877,
0.3289

■ 16.5440, 0.4262,
0.2163

■ 15.9397, 0.4392,
0.2193

Harmonies

Analogous

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



54.4722, 0.3041, 0.3025



54.4722, 0.3210, 0.3104



54.4722, 0.3360, 0.3230

Triad

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



54.4722, 0.3210, 0.3104



54.4722, 0.3357, 0.3576



54.4722, 0.2817, 0.3192

Complementary

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



54.4722, 0.3210, 0.3104



62.3279, 0.3053, 0.3484

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.



54.4722, 0.2897, 0.3346



54.4722, 0.3210, 0.3104



54.4722, 0.3207, 0.3573

Square

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



54.4722, 0.3210, 0.3104



54.4722, 0.3446, 0.3501



54.4722, 0.3039, 0.3488



54.4722, 0.2817, 0.3071

Rectangle

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



54.4722, 0.3210, 0.3104



54.4722, 0.3428, 0.3326



54.4722, 0.3039, 0.3488



54.4722, 0.2836, 0.3242

Sweetspot

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



54.4746, 0.3210, 0.3104



93.4297, 0.3154, 0.3227



52.6057, 0.3011, 0.2991



19.7416, 0.3159, 0.3215



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.



54.4746, 0.3210, 0.3104



78.4998, 0.3229, 0.3065



53.9084, 0.3307, 0.3246



12.5533, 0.3192, 0.3142



9.7532, 0.4370, 0.2181



0.6038, 0.4118, 0.2042

Inverse Universe

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



54.4746, 0.3210, 0.3104



78.4998, 0.3229, 0.3065



62.9139, 0.2972, 0.3334



12.5533, 0.3192, 0.3142



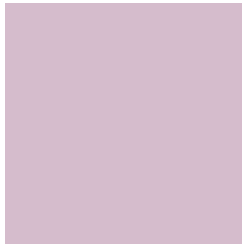
9.7532, 0.4370, 0.2181



0.6038, 0.4118, 0.2042

Previews

White Background



This preview shows how the Yxy color 54.4722, 0.3210, 0.3104 looks on a white background.

Color Contrast Check

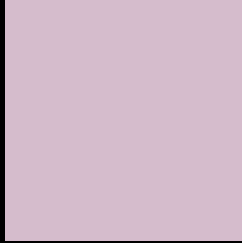
Large Text (above 18pt) WCAG AA × Fail

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 54.4722, 0.3210, 0.3104 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

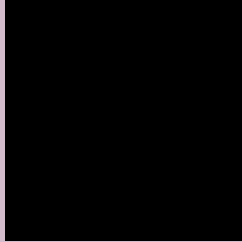
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 54.4722, 0.3210, 0.3104

Background



This preview shows how black text looks on a background with the Yxy color 54.4722, 0.3210, 0.3104.



This preview shows how white text looks on a background with the Yxy color 54.4722, 0.3210, 0.3104.

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

54.4722, 0.3210, 0.3104

Protanopia

54.7397, 0.3033, 0.3122

Deuteranopia

54.4565, 0.3184, 0.3115



Tritanopia

54.4244, 0.3218, 0.3116

Trichromacy



Original Color

54.4722, 0.3210, 0.3104

Protanomaly

54.7608, 0.3096, 0.3112

Deuteranomaly

54.6037, 0.3193, 0.3115

Tritanomaly

54.4244, 0.3218, 0.3116

Monochromacy



Original Color

54.4722, 0.3210, 0.3104

Achromatopsia

55.8340, 0.3127, 0.3290

Achromatomaly

55.4502, 0.3155, 0.3219

CSS Examples

Text

The CSS property to change the color of the text to Yxy 54.4722, 0.3210, 0.3104 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(213, 188, 204)` looks like.

```
.text, #text, p{  
    color:rgb(213, 188, 204)  
}
```

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(213, 188, 204) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(213, 188, 204) }
```

Border

The CSS property to change the border of an element to Yxy 54.4722, 0.3210, 0.3104 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(213, 188, 204) }
```

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

```
.border{ border-color:rgb(213, 188, 204) }
```

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

Here you see how a box with a 4 pixel rgb(213, 188, 204) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(213, 188, 204); -webkit-box-  
shadow:4px 4px 4px 4px rgb(213, 188, 204);  
box-shadow:4px 4px 4px 4px rgb(213, 188,  
204) }
```


Background

The CSS property to change the background color of an element to Yxy 54.4722, 0.3210, 0.3104 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(213, 188, 204) }
```

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

```
.background{ background-color: rgb(213,  
188, 204) }
```

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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