

Converting Colors

Yxy(54.4514, 0.3243, 0.3106)

Have a look what the booklet for
Yxy(54.4514, 0.3243, 0.3106)
contains.

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Color

Yxy(54.4514, 0.3243, 0.3106)

Conversions

Conversions Part 1

Format	Color
Hex	D8BBCB
RGB	216, 187, 203
RGB Percent	85%, 73%, 80%
CMY	0.1532, 0.2665, 0.2040
CMYK	0.00, 0.13, 0.06, 0.15
HSL	327°, 27%, 79%
HSV	327°, 13%, 85%
XYZ	56.8532, 54.4514, 64.0058
YIQ	197.4950, 12.1480, 11.1240

Conversions

Conversions Part 2

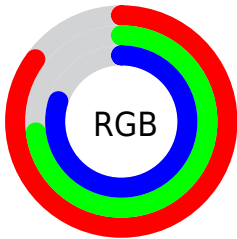
Format	Color
R _Y B	216, 187, 203
Decimal	14203851
CIE Lab	78.72, 12.99, -4.22
CIE LCh	79, 13.659, 341.997
Yxy	54.4514, 0.3243, 0.3106
Android (android.graphics.Color)	4292393931 (0xFFD8BBCB)
YUV	197.4950, 2.7140, 16.2289
Hunter-Lab	73.7912, 8.3925, 0.2262

Details

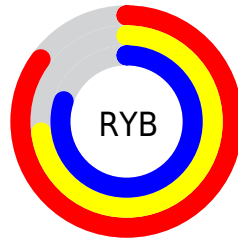
The Yxy color **54.4514, 0.3243, 0.3106** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **63.8163, 0.3026, 0.3481**, and the grayscale version is **56.1248, 0.3127, 0.3290**.

A 20% lighter version of the original color is **92.5812, 0.3133, 0.3175**, and **26.7972, 0.3272, 0.3061** is the 20% darker color. If you saturate the color by 10%, you get **45.5216, 0.3350, 0.2961**, and if you desaturate by 10%, it is **64.7924, 0.3154, 0.3245**.

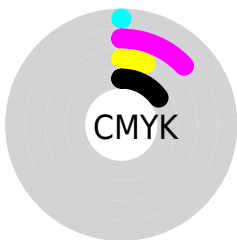
Distribution



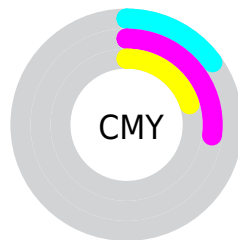
- Red (85%)
- Green (73%)
- Blue (80%)



- Red (85%)
- Yellow (73%)
- Blue (80%)



- Cyan (0%)
- Magenta (13%)
- Yellow (6%)
- Black (15%)




- Cyan (15%)
- Magenta (27%)
- Yellow (20%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 54.4514, 0.3243, 0.3106 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 54.4514, 0.3243, 0.3106 by changing the saturation by 10% instead.

 54.4514, 0.3243,
0.3106

 54.4514, 0.3243,
0.3106


403.8290, 0.3187,
0.3194

 38.9627, 0.3256,
0.3085


 96.7367, 0.3223,
0.3137

 26.7307, 0.3273,
0.3058


124.3021, 0.3216,
0.3149

 17.3711, 0.3295,
0.3024


156.6618, 0.3209,
0.3160

 10.4994, 0.3324,
0.2978

194.2002, 0.3204,
0.3168

 5.7313, 0.3366,
0.2912

237.3017, 0.3199,
0.3176

 2.6824, 0.3431,
0.2812

286.3508, 0.3194,

 0.9683, 0.3544,

0.3183

0.2640

341.7317, 0.3191,
0.3189

0.0000, 0.5640,
0.0000

0.0000, 0.0000,
0.0000

54.4514, 0.3243,
0.3106

54.4514, 0.3243,
0.3106

45.5216, 0.3350,
0.2961

64.7924, 0.3154,
0.3245

37.9339, 0.3476,
0.2814

76.5955, 0.3080,
0.3375

31.6245, 0.3625,
0.2670

89.9175, 0.3018,
0.3497

26.5210, 0.3795,
0.2539

92.5004, 0.2965,
0.3427

■ 22.5442, 0.3986,
0.2430

■ 93.0961, 0.2913,
0.3327

■ 19.6050, 0.4193,
0.2356

■ 93.3291, 0.2894,
0.3289

■ 17.6007, 0.4408,
0.2328

■ 16.4072, 0.4621,
0.2354

■ 15.9263, 0.4759,
0.2395

Harmonies

Analogous

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



54.4514, 0.3059, 0.3012



54.4514, 0.3243, 0.3106



54.4514, 0.3399, 0.3247

Triad

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



54.4514, 0.3243, 0.3106



54.4514, 0.3356, 0.3605



54.4514, 0.2786, 0.3161

Complementary

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



54.4514, 0.3243, 0.3106



63.8163, 0.3026, 0.3481

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.



54.4514, 0.2861, 0.3326



54.4514, 0.3243, 0.3106



54.4514, 0.3187, 0.3589

Square

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



54.4514, 0.3243, 0.3106



54.4514, 0.3465, 0.3534



54.4514, 0.3006, 0.3485



54.4514, 0.2799, 0.3038

Rectangle

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



54.4514, 0.3243, 0.3106



54.4514, 0.3464, 0.3351



54.4514, 0.3006, 0.3485



54.4514, 0.2802, 0.3213

Sweetspot

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



54.4538, 0.3243, 0.3106



93.3731, 0.3159, 0.3236



52.7262, 0.3012, 0.2948



19.7273, 0.3165, 0.3226



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.



54.4538, 0.3243, 0.3106



75.5528, 0.3271, 0.3066



53.8148, 0.3356, 0.3268



12.5344, 0.3206, 0.3162



9.4551, 0.4728, 0.2378



0.5869, 0.4395, 0.2195

Inverse Universe

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



54.4538, 0.3243, 0.3106



75.5528, 0.3271, 0.3066



64.5028, 0.2936, 0.3312



12.5344, 0.3206, 0.3162



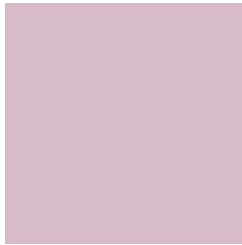
9.4551, 0.4728, 0.2378



0.5869, 0.4395, 0.2195

Previews

White Background



This preview shows how the Yxy color 54.4514, 0.3243, 0.3106 looks on a white background.

Color Contrast Check

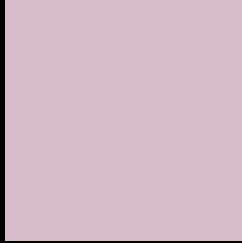
Large Text (above 18pt) WCAG AA × Fail

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 54.4514, 0.3243, 0.3106 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

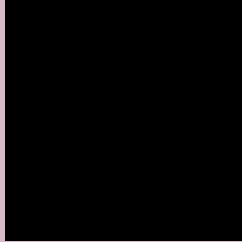
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 54.4514, 0.3243, 0.3106

Background



This preview shows how black text looks on a background with the Yxy color 54.4514, 0.3243, 0.3106.



This preview shows how white text looks on a background with the Yxy color 54.4514, 0.3243, 0.3106.

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

54.4514, 0.3243, 0.3106

Protanopia

54.6907, 0.3040, 0.3133

Deuteranopia

54.4086, 0.3192, 0.3126



Tritanopia

54.4038, 0.3251, 0.3117

Trichromacy



Original Color

54.4514, 0.3243, 0.3106

Protanomaly

54.4143, 0.3111, 0.3112

Deuteranomaly

54.2753, 0.3209, 0.3115

Tritanomaly

54.4038, 0.3251, 0.3117

Monochromacy



Original Color

54.4514, 0.3243, 0.3106

Achromatopsia

55.8340, 0.3127, 0.3290

Achromatomaly

55.1008, 0.3171, 0.3219

CSS Examples

Text

The CSS property to change the color of the text to Yxy 54.4514, 0.3243, 0.3106 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(216, 187, 203)` looks like.

```
.text, #text, p{  
    color:rgb(216, 187, 203)  
}
```

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(216, 187, 203) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(216, 187, 203) }
```

Border

The CSS property to change the border of an element to Yxy 54.4514, 0.3243, 0.3106 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(216, 187, 203) }
```

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

```
.border{ border-color:rgb(216, 187, 203) }
```

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

Here you see how a box with a 4 pixel `rgb(216, 187, 203)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(216, 187, 203); -webkit-box-  
shadow:4px 4px 4px 4px rgb(216, 187, 203);  
box-shadow:4px 4px 4px 4px rgb(216, 187,  
203) }
```


Background

The CSS property to change the background color of an element to Yxy 54.4514, 0.3243, 0.3106 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(216, 187, 203) }
```

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

```
.background{ background-color: rgb(216,  
187, 203) }
```

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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