

Converting Colors

$Yxy(50.7164, 0.3294, 0.3192)$

Have a look what the booklet for
Yxy(50.7164, 0.3294, 0.3192)
contains.

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Color

Yxy(50.7289, 0.3295, 0.3195)

Conversions

Conversions Part 1

Format	Color
Hex	D1B6BE
RGB	209, 182, 190
RGB Percent	82%, 71%, 75%
CMY	0.1803, 0.2863, 0.2550
CMYK	0.00, 0.13, 0.09, 0.18
HSL	342°, 23%, 77%
HSV	342°, 13%, 82%
XYZ	52.3167, 50.7289, 55.7303
YIQ	190.9850, 13.5240, 8.2120

Conversions

Conversions Part 2

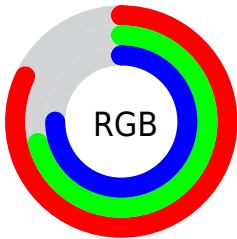
Format	Color
R _Y B	209, 182, 190
Decimal	13743806
CIE Lab	76.51, 11.00, -0.48
CIE LCh	77, 11.008, 357.526
Yxy	50.7289, 0.3295, 0.3195
Android (android.graphics.Color)	4291933886 (0xFFD1B6BE)
YUV	190.9850, -0.4856, 15.7992
Hunter-Lab	71.2242, 6.4720, 3.4647

Details

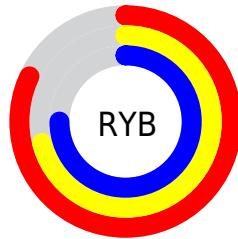
The Yxy color **50.7289, 0.3295, 0.3195** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **59.7731, 0.2983, 0.3387**, and the grayscale version is **52.0892, 0.3127, 0.3290**.

A 20% lighter version of the original color is **89.0629, 0.3190, 0.3213**, and **24.3767, 0.3333, 0.3162** is the 20% darker color. If you saturate the color by 10%, you get **42.1871, 0.3459, 0.3117**, and if you desaturate by 10%, it is **60.6181, 0.3161, 0.3269**.

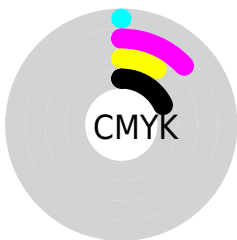
Distribution



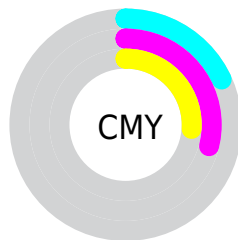
- Red (82%)
- Green (71%)
- Blue (75%)



- Red (82%)
- Yellow (71%)
- Blue (75%)



- Cyan (0%)
- Magenta (13%)
- Yellow (9%)
- Black (18%)




- Cyan (18%)
- Magenta (29%)
- Yellow (26%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 50.7289, 0.3295, 0.3195 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 50.7289, 0.3295, 0.3195 by changing the saturation by 10% instead.


 50.7289, 0.3295,
0.3195

 50.7289, 0.3295,
0.3195


389.5096, 0.3212,
0.3242

 35.9929, 0.3315,
0.3184


 91.2539, 0.3265,
0.3212

 24.4287, 0.3341,
0.3169


117.8117, 0.3254,
0.3218

 15.6519, 0.3375,
0.3150


149.0789, 0.3244,
0.3224

 9.2782, 0.3422,
0.3123

185.4399, 0.3236,
0.3228

 4.9231, 0.3492,
0.3084

227.2791, 0.3229,
0.3232

 2.2022, 0.3603,
0.3022

274.9808, 0.3223,

 0.7212, 0.3838,

0.3236

0.2886

328.9295, 0.3217,
0.3239

0.0000, 0.0000,
0.0000

50.7289, 0.3295,
0.3195

50.7289, 0.3295,
0.3195

42.1871, 0.3459,
0.3117

60.6181, 0.3161,
0.3269

34.9276, 0.3659,
0.3036

71.9028, 0.3052,
0.3338

28.8901, 0.3902,
0.2958

84.6368, 0.2964,
0.3402

24.0065, 0.4189,
0.2889

91.9122, 0.2887,
0.3352

20.2023, 0.4518,
0.2839

92.2974, 0.2855,
0.3289

■ 17.3939, 0.4879,
0.2818

■ 15.4855, 0.5247,
0.2838

■ 14.3619, 0.5588,
0.2904

■ 13.9012, 0.5801,
0.2969

Harmonies

Analogous

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



50.7289, 0.3150, 0.3093



50.7289, 0.3295, 0.3195



50.7289, 0.3395, 0.3322

Triad

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



50.7289, 0.3295, 0.3195



50.7289, 0.3248, 0.3552



50.7289, 0.2841, 0.3126

Complementary

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



50.7289, 0.3295, 0.3195



59.7731, 0.2983, 0.3387

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.



50.7289, 0.2866, 0.3248



50.7289, 0.3295, 0.3195



50.7289, 0.3099, 0.3499

Square

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



50.7289, 0.3295, 0.3195



50.7289, 0.3367, 0.3530



50.7289, 0.2960, 0.3386



50.7289, 0.2890, 0.3052

Rectangle

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



50.7289, 0.3295, 0.3195



50.7289, 0.3422, 0.3407



50.7289, 0.2960, 0.3386



50.7289, 0.2841, 0.3163

Sweetspot

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



50.7311, 0.3295, 0.3195



93.2092, 0.3175, 0.3261



50.4668, 0.3075, 0.2967



19.6858, 0.3184, 0.3256



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.



50.7311, 0.3295, 0.3195



74.9581, 0.3345, 0.3170



52.6481, 0.3353, 0.3356



11.8648, 0.3245, 0.3222



8.5848, 0.5764, 0.2949



0.4939, 0.5232, 0.2656

Inverse Universe

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



50.7311, 0.3295, 0.3195



74.9581, 0.3345, 0.3170



57.5514, 0.2930, 0.3223



11.8648, 0.3245, 0.3222



8.5848, 0.5764, 0.2949



0.4939, 0.5232, 0.2656

Previews

White Background



This preview shows how the Yxy color 50.7289, 0.3295, 0.3195 looks on a white background.

Color Contrast Check

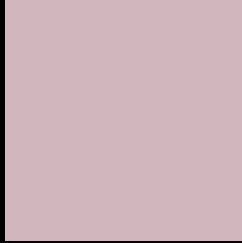
Large Text (above 18pt) WCAG AA × Fail

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 50.7289, 0.3295, 0.3195 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 50.7289, 0.3295, 0.3195

Background



This preview shows how black text looks on a background with the Yxy color 50.7289, 0.3295, 0.3195.



This preview shows how white text looks on a background with the Yxy color 50.7289, 0.3295, 0.3195.

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

50.7289, 0.3295, 0.3195

Protanopia

50.8931, 0.3114, 0.3228

Deuteranopia

50.8501, 0.3276, 0.3206



Tritanopia

50.6895, 0.3263, 0.3124

Trichromacy



Original Color

50.7289, 0.3295, 0.3195

Protanomaly

50.9293, 0.3181, 0.3217

Deuteranomaly

50.9946, 0.3285, 0.3206

Tritanomaly

50.5996, 0.3280, 0.3147

Monochromacy



Original Color

50.7289, 0.3295, 0.3195

Achromatopsia

52.0996, 0.3127, 0.3290

Achromatomaly

51.7338, 0.3187, 0.3253

CSS Examples

Text

The CSS property to change the color of the text to Yxy 50.7289, 0.3295, 0.3195 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(209, 182, 190)` looks like.

```
.text, #text, p{  
    color:rgb(209, 182, 190)  
}
```

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(209, 182, 190) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(209, 182, 190) }
```

Border

The CSS property to change the border of an element to Yxy 50.7289, 0.3295, 0.3195 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(209, 182, 190) }
```

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

```
.border{ border-color:rgb(209, 182, 190) }
```

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

Here you see how a box with a 4 pixel `rgb(209, 182, 190)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(209, 182, 190); -webkit-box-  
shadow:4px 4px 4px 4px rgb(209, 182, 190);  
box-shadow:4px 4px 4px 4px rgb(209, 182,  
190) }
```


Background

The CSS property to change the background color of an element to Yxy 50.7289, 0.3295, 0.3195 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(209, 182, 190) }
```

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

```
.background{ background-color: rgb(209,  
182, 190) }
```

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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