

Converting Colors

Yxy(56.7854, 0.3300, 0.3258)

Have a look what the booklet for
Yxy(56.7854, 0.3300, 0.3258)
contains.

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Color

Yxy(56.8772, 0.3300, 0.3256)

Conversions

Conversions Part 1

Format	Color
Hex	D9C1C4
RGB	217, 193, 196
RGB Percent	85%, 76%, 77%
CMY	0.1491, 0.2431, 0.2314
CMYK	0.00, 0.11, 0.10, 0.15
HSL	353°, 24%, 80%
HSV	353°, 11%, 85%
XYZ	57.6458, 56.8772, 60.1613
YIQ	200.5180, 13.3410, 6.0210

Conversions

Conversions Part 2

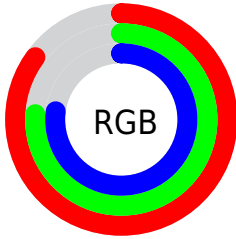
Format	Color
R _Y B	217, 193, 196
Decimal	14270916
CIE Lab	80.11, 8.96, 1.59
CIE LCh	80, 9.104, 10.074
Yxy	56.8772, 0.3300, 0.3256
Android (android.graphics.Color)	4292460996 (0xFFD9C1C4)
YUV	200.5180, -2.2274, 14.4547
Hunter-Lab	75.4170, 4.4588, 5.4953

Details

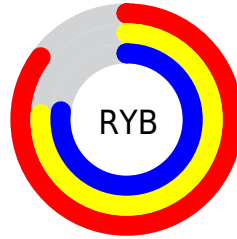
The Yxy color $56.8772, 0.3300, 0.3256$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $65.8138, 0.2977, 0.3324$, and the grayscale version is $58.1033, 0.3127, 0.3290$.

A 20% lighter version of the original color is $96.1032, 0.3142, 0.3252$, and $28.0996, 0.3350, 0.3245$ is the 20% darker color. If you saturate the color by 10%, you get $47.1678, 0.3497, 0.3223$, and if you desaturate by 10%, it is $68.1087, 0.3142, 0.3287$.

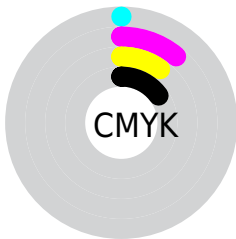
Distribution



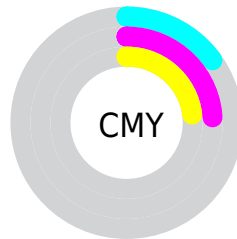
- Red (85%)
- Green (76%)
- Blue (77%)



- Red (85%)
- Yellow (76%)
- Blue (77%)



- Cyan (0%)
- Magenta (11%)
- Yellow (10%)
- Black (15%)




- Cyan (15%)
- Magenta (24%)
- Yellow (23%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 56.8772, 0.3300, 0.3256 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 56.8772, 0.3300, 0.3256 by changing the saturation by 10% instead.


 56.8772, 0.3300,
0.3256

 56.8772, 0.3300,
0.3256


412.9890, 0.3216,
0.3273

 40.9067, 0.3320,
0.3252


 100.2860, 0.3270,
0.3262

 28.2462, 0.3346,
0.3247


128.4930, 0.3259,
0.3264

 18.5113, 0.3379,
0.3240


161.5477, 0.3249,
0.3266

 11.3177, 0.3424,
0.3230

199.8343, 0.3241,
0.3268

 6.2809, 0.3489,
0.3216

243.7374, 0.3233,
0.3269

 3.0167, 0.3590,
0.3193

293.6413, 0.3227,

 1.1404, 0.3769,

0.3271

349.9303, 0.3221,
0.3272

0.3151

0.0122, 0.9496,
0.0504

0.0000, 0.0000,
0.0000

56.8772, 0.3300,
0.3256

56.8772, 0.3300,
0.3256

47.1678, 0.3497,
0.3223

68.1087, 0.3142,
0.3287

38.9078, 0.3740,
0.3189

80.9160, 0.3015,
0.3315

32.0300, 0.4039,
0.3157

93.3610, 0.2911,
0.3310

26.4586, 0.4397,
0.3129

93.4900, 0.2900,
0.3289

■ 22.1108, 0.4809,
0.3111

■ 18.8941, 0.5252,
0.3110

■ 16.7031, 0.5682,
0.3131

■ 15.4120, 0.6038,
0.3176

■ 14.8292, 0.6260,
0.3222

Harmonies

Analogous

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



56.8772, 0.3196, 0.3163



56.8772, 0.3300, 0.3256



56.8772, 0.3357, 0.3360

Triad

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



56.8772, 0.3300, 0.3256



56.8772, 0.3175, 0.3487



56.8772, 0.2908, 0.3129

Complementary

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



56.8772, 0.3300, 0.3256



65.8138, 0.2977, 0.3324

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.



56.8772, 0.2903, 0.3214



56.8772, 0.3300, 0.3256



56.8772, 0.3056, 0.3423

Square

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



56.8772, 0.3300, 0.3256



56.8772, 0.3284, 0.3495



56.8772, 0.2957, 0.3322



56.8772, 0.2971, 0.3090

Rectangle

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



56.8772, 0.3300, 0.3256



56.8772, 0.3360, 0.3422



56.8772, 0.2957, 0.3322



56.8772, 0.2899, 0.3153

Sweetspot

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



56.8797, 0.3300, 0.3256



94.7919, 0.3170, 0.3281



57.4184, 0.3115, 0.3018



19.9990, 0.3183, 0.3279



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.



56.8797, 0.3300, 0.3256



78.9126, 0.3337, 0.3249



60.7490, 0.3311, 0.3392



13.0778, 0.3272, 0.3261



8.9863, 0.6236, 0.3209



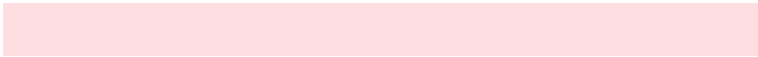
0.5910, 0.5879, 0.3013

Inverse Universe

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



56.8797, 0.3300, 0.3256



78.9126, 0.3337, 0.3249



61.5556, 0.2957, 0.3186



13.0778, 0.3272, 0.3261



8.9863, 0.6236, 0.3209



0.5910, 0.5879, 0.3013

Previews

White Background



This preview shows how the Yxy color 56.8772, 0.3300, 0.3256 looks on a white background.

Color Contrast Check

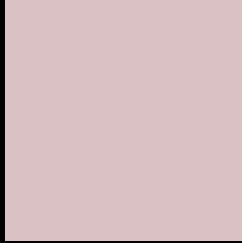
Large Text (above 18pt) WCAG AA × Fail

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 56.8772, 0.3300, 0.3256 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

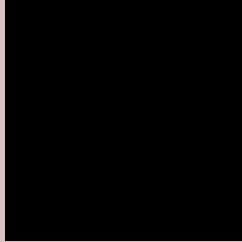
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 56.8772, 0.3300, 0.3256

Background



This preview shows how black text looks on a background with the Yxy color 56.8772, 0.3300, 0.3256.



This preview shows how white text looks on a background with the Yxy color 56.8772, 0.3300, 0.3256.

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

56.8772, 0.3300, 0.3256

Protanopia

57.0682, 0.3151, 0.3278

Deuteranopia

56.7449, 0.3318, 0.3245



Tritanopia

56.6233, 0.3233, 0.3119

Trichromacy



Original Color

56.8772, 0.3300, 0.3256

Protanomaly

56.8225, 0.3200, 0.3267

Deuteranomaly

56.5902, 0.3310, 0.3244

Tritanomaly

56.8690, 0.3263, 0.3176

Monochromacy



Original Color

56.8772, 0.3300, 0.3256

Achromatopsia

58.4078, 0.3127, 0.3290

Achromatomaly

57.7771, 0.3191, 0.3278

CSS Examples

Text

The CSS property to change the color of the text to Yxy 56.8772, 0.3300, 0.3256 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(217, 193, 196)` looks like.

```
.text, #text, p{  
    color:rgb(217, 193, 196)  
}
```

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(217, 193, 196) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(217, 193, 196) }
```

Border

The CSS property to change the border of an element to Yxy 56.8772, 0.3300, 0.3256 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(217, 193, 196) }
```

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

```
.border{ border-color:rgb(217, 193, 196) }
```

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

Here you see how a box with a 4 pixel `rgb(217, 193, 196)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(217, 193, 196); -webkit-box-  
shadow:4px 4px 4px 4px rgb(217, 193, 196);  
box-shadow:4px 4px 4px 4px rgb(217, 193,  
196) }
```


Background

The CSS property to change the background color of an element to Yxy 56.8772, 0.3300, 0.3256 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(217, 193, 196) }
```

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

```
.background{ background-color: rgb(217,  
193, 196) }
```

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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