

Converting Colors

Yxy(57.3123, 0.3355, 0.3259)

Have a look what the booklet for
Yxy(57.3123, 0.3355, 0.3259)
contains.

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Color

Yxy(57.1690, 0.3351, 0.3256)

Conversions

Conversions Part 1

Format	Color
Hex	DEC0C3
RGB	222, 192, 195
RGB Percent	87%, 75%, 76%
CMY	0.1292, 0.2471, 0.2352
CMYK	0.00, 0.14, 0.12, 0.13
HSL	354°, 31%, 81%
HSV	354°, 14%, 87%
XYZ	58.8370, 57.1690, 59.5745
YIQ	201.3120, 16.9170, 7.2930

Conversions

Conversions Part 2

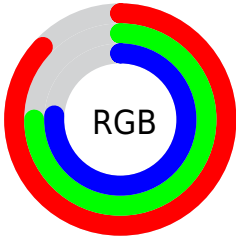
Format	Color
R _Y B	222, 192, 195
Decimal	14598339
CIE Lab	80.27, 11.15, 2.41
CIE LCh	80, 11.410, 12.198
Yxy	57.1690, 0.3351, 0.3256
Android (android.graphics.Color)	4292788419 (0xFFDEC0C3)
YUV	201.3120, -3.1118, 18.1434
Hunter-Lab	75.6102, 6.5842, 6.2116

Details

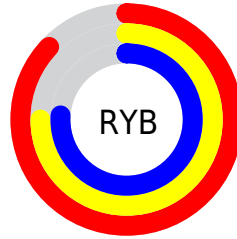
The Yxy color $57.1690, 0.3351, 0.3256$ is a light color, and the websafe version is hex `FFCCCC`. A complement of this color would be $68.5890, 0.2940, 0.3324$, and the grayscale version is $58.6289, 0.3127, 0.3290$.

A 20% lighter version of the original color is $95.4231, 0.3148, 0.3252$, and $28.3155, 0.3420, 0.3246$ is the 20% darker color. If you saturate the color by 10%, you get $47.3022, 0.3565, 0.3229$, and if you desaturate by 10%, it is $68.6327, 0.3179, 0.3281$.

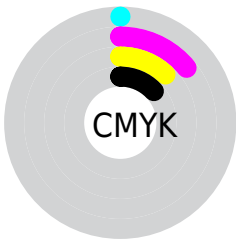
Distribution



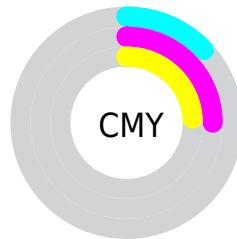
- Red (87%)
- Green (75%)
- Blue (76%)



- Red (87%)
- Yellow (75%)
- Blue (76%)



- Cyan (0%)
- Magenta (14%)
- Yellow (12%)
- Black (13%)





- Cyan (13%)
- Magenta (25%)
- Yellow (24%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 57.1690, 0.3351, 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 57.1690, 0.3351, 0.3256 by changing the saturation by 10% instead.


 57.1690, 0.3351,
0.3256

 57.1690, 0.3351,
0.3256


414.0823, 0.3243,
0.3273

 41.1409, 0.3377,
0.3252


 100.7117, 0.3312,
0.3262

 28.4292, 0.3410,
0.3246


128.9952, 0.3298,
0.3265

 18.6495, 0.3453,
0.3239


162.1326, 0.3285,
0.3267

 11.4173, 0.3512,
0.3229


200.5083, 0.3274,
0.3268

 6.3482, 0.3596,
0.3213

244.5067, 0.3265,
0.3270

 3.0580, 0.3726,
0.3188

294.5123, 0.3256,

 1.1621, 0.3957,

0.3271

0.3141

350.9093, 0.3249,
0.3272

0.0304, 0.9083,
0.0917

0.0000, 0.0000,
0.0000

57.1690, 0.3351,
0.3256

57.1690, 0.3351,
0.3256

47.3022, 0.3565,
0.3229

68.6327, 0.3179,
0.3281

38.9541, 0.3829,
0.3202

81.7517, 0.3042,
0.3305

32.0517, 0.4153,
0.3177

94.2718, 0.2930,
0.3290

26.5126, 0.4537,
0.3156

94.2775, 0.2929,
0.3289

■ 22.2464, 0.4971,
0.3146

■ 19.1516, 0.5424,
0.3151

■ 17.1113, 0.5842,
0.3175

■ 15.9841, 0.6161,
0.3217

■ 15.5970, 0.6300,
0.3244

Harmonies

Analogous

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



57.1690, 0.3224, 0.3139



57.1690, 0.3351, 0.3256



57.1690, 0.3418, 0.3385

Triad

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



57.1690, 0.3351, 0.3256



57.1690, 0.3176, 0.3534



57.1690, 0.2857, 0.3083

Complementary

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



57.1690, 0.3351, 0.3256



68.5890, 0.2940, 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.



57.1690, 0.2845, 0.3184



57.1690, 0.3351, 0.3256



57.1690, 0.3027, 0.3449

Square

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



57.1690, 0.3351, 0.3256



57.1690, 0.3315, 0.3549



57.1690, 0.2907, 0.3319



57.1690, 0.2939, 0.3039

Rectangle

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



57.1690, 0.3351, 0.3256



57.1690, 0.3418, 0.3461



57.1690, 0.2907, 0.3319



57.1690, 0.2845, 0.3111

Sweetspot

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



57.1715, 0.3351, 0.3256



93.0872, 0.3187, 0.3280



57.9588, 0.3115, 0.2954



19.6551, 0.3199, 0.3278



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.



57.1715, 0.3351, 0.3256



74.5330, 0.3402, 0.3249



62.2960, 0.3357, 0.3421



13.7229, 0.3276, 0.3267



9.2672, 0.6279, 0.3232



0.6501, 0.5987, 0.3072

Inverse Universe

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



57.1715, 0.3351, 0.3256



74.5330, 0.3402, 0.3249



62.8343, 0.2918, 0.3155



13.7229, 0.3276, 0.3267



9.2672, 0.6279, 0.3232



0.6501, 0.5987, 0.3072

Previews

White Background



This preview shows how the Yxy color 57.1690, 0.3351, 0.3256 looks on a white background.

Color Contrast Check

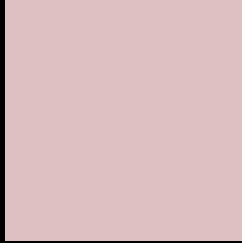
Large Text (above 18pt) WCAG AA × Fail

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 57.1690, 0.3351, 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 57.1690, 0.3351, 0.3256

Background



This preview shows how black text looks on a background with the Yxy color 57.1690, 0.3351, 0.3256.



This preview shows how white text looks on a background with the Yxy color 57.1690, 0.3351, 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

57.1690, 0.3351, 0.3256

Protanopia

57.2082, 0.3159, 0.3278

Deuteranopia

57.2957, 0.3333, 0.3268



Tritanopia

56.9227, 0.3282, 0.3121

Trichromacy



Original Color

57.1690, 0.3351, 0.3256

Protanomaly

57.2587, 0.3224, 0.3267

Deuteranomaly

57.4522, 0.3341, 0.3268

Tritanomaly

57.1666, 0.3313, 0.3177

Monochromacy



Original Color

57.1690, 0.3351, 0.3256

Achromatopsia

58.4078, 0.3127, 0.3290

Achromatomaly

58.0670, 0.3207, 0.3279

CSS Examples

Text

The CSS property to change the color of the text to Yxy 57.1690, 0.3351, 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(222, 192, 195)` looks like.

```
.text, #text, p{  
    color:rgb(222, 192, 195)  
}
```

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(222, 192, 195) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(222, 192, 195) }
```

Border

The CSS property to change the border of an element to Yxy 57.1690, 0.3351, 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(222, 192, 195) }
```

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

```
.border{ border-color:rgb(222, 192, 195) }
```

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

Here you see how a box with a 4 pixel `rgb(222, 192, 195)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(222, 192, 195); -webkit-box-  
shadow:4px 4px 4px 4px rgb(222, 192, 195);  
box-shadow:4px 4px 4px 4px rgb(222, 192,  
195) }
```


Background

The CSS property to change the background color of an element to Yxy 57.1690, 0.3351, 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(222, 192, 195) }
```

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

```
.background{ background-color: rgb(222,  
192, 195) }
```

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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