

Converting Colors

Yxy(56.5653, 0.3368, 0.3262)

Have a look what the booklet for
Yxy(56.5653, 0.3368, 0.3262)
contains.

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Color

Yxy(56.6415, 0.3368, 0.3268)

Conversions

Conversions Part 1

Format	Color
Hex	DEBFC1
RGB	222, 191, 193
RGB Percent	87%, 75%, 76%
CMY	0.1295, 0.2509, 0.2432
CMYK	0.00, 0.14, 0.13, 0.13
HSL	356°, 32%, 81%
HSV	356°, 14%, 87%
XYZ	58.3747, 56.6415, 58.3054
YIQ	200.4970, 17.8340, 7.1940

Conversions

Conversions Part 2

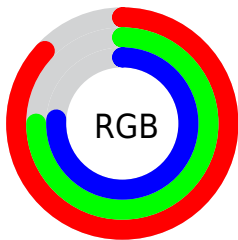
Format	Color
R _Y B	222, 191, 193
Decimal	14598081
CIE Lab	79.98, 11.31, 3.07
CIE LCh	80, 11.722, 15.175
Yxy	56.6415, 0.3368, 0.3268
Android (android.graphics.Color)	4292788161 (0xFFDEBFC1)
YUV	200.4970, -3.6960, 18.8581
Hunter-Lab	75.2605, 6.7449, 6.7496

Details

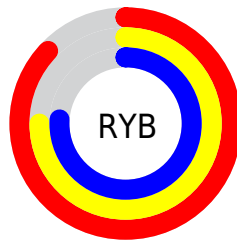
The Yxy color **56.6415, 0.3368, 0.3268** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **68.4755, 0.2928, 0.3312**, and the grayscale version is **58.0962, 0.3127, 0.3290**.

A 20% lighter version of the original color is **94.6211, 0.3166, 0.3271**, and **28.2859, 0.3431, 0.3261** is the 20% darker color. If you saturate the color by 10%, you get **46.8208, 0.3593, 0.3251**, and if you desaturate by 10%, it is **68.0648, 0.3188, 0.3284**.

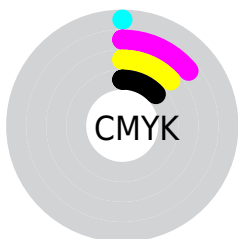
Distribution



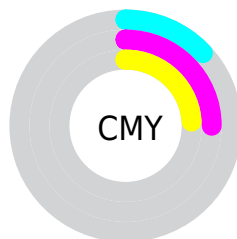
- Red (87%)
- Green (75%)
- Blue (76%)



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



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





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

Brightness & Saturation Gradients


These gradients show how the Yxy color 56.6415, 0.3368, 0.3268 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 56.6415, 0.3368, 0.3268 by changing the saturation by 10% instead.


 56.6415, 0.3368,
0.3268

 56.6415, 0.3368,
0.3268

412.1046, 0.3251,
0.3280

 40.7175, 0.3396,
0.3265

 99.9419, 0.3326,
0.3272

 28.0984, 0.3432,
0.3261

128.0871, 0.3310,
0.3274

 18.3998, 0.3479,
0.3256


161.0748, 0.3297,
0.3275

 11.2374, 0.3542,
0.3248


199.2893, 0.3285,
0.3276

 6.2268, 0.3633,
0.3236

243.1152, 0.3275,
0.3277

 2.9835, 0.3776,
0.3216

292.9368, 0.3266,

 1.1231, 0.4029,

0.3278

0.3176

349.1385, 0.3258,
0.3279

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

56.6415, 0.3368,
0.3268

56.6415, 0.3368,
0.3268

46.8208, 0.3593,
0.3251

68.0648, 0.3188,
0.3284

38.5239, 0.3872,
0.3234

81.1498, 0.3044,
0.3299

31.6768, 0.4212,
0.3219

94.2659, 0.2929,
0.3289

26.1961, 0.4615,
0.3207

■ 21.9902, 0.5067,
0.3202

■ 18.9562, 0.5530,
0.3208

■ 16.9752, 0.5942,
0.3226

■ 15.9031, 0.6235,
0.3255

■ 15.5582, 0.6345,
0.3269

Harmonies

Analogous

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



56.6415, 0.3241, 0.3145



56.6415, 0.3368, 0.3268



56.6415, 0.3429, 0.3400

Triad

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



56.6415, 0.3368, 0.3268



56.6415, 0.3162, 0.3536



56.6415, 0.2854, 0.3069

Complementary

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



56.6415, 0.3368, 0.3268



68.4755, 0.2928, 0.3312

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.



56.6415, 0.2835, 0.3169



56.6415, 0.3368, 0.3268



56.6415, 0.3010, 0.3442

Square

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



56.6415, 0.3368, 0.3268



56.6415, 0.3308, 0.3559



56.6415, 0.2891, 0.3306



56.6415, 0.2945, 0.3031

Rectangle

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



56.6415, 0.3368, 0.3268



56.6415, 0.3423, 0.3476



56.6415, 0.2891, 0.3306



56.6415, 0.2839, 0.3096

Sweetspot

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



56.6440, 0.3368, 0.3268



93.0641, 0.3189, 0.3284



57.7427, 0.3127, 0.2945



19.6493, 0.3202, 0.3283



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.



56.6440, 0.3368, 0.3268



73.0489, 0.3434, 0.3263



62.6793, 0.3362, 0.3443



13.7147, 0.3282, 0.3275



9.2491, 0.6329, 0.3260



0.6462, 0.6130, 0.3151

Inverse Universe

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



56.6440, 0.3368, 0.3268



73.0489, 0.3434, 0.3263



61.7362, 0.2911, 0.3132



13.7147, 0.3282, 0.3275



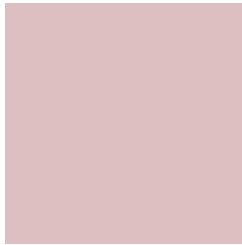
9.2491, 0.6329, 0.3260



0.6462, 0.6130, 0.3151

Previews

White Background



This preview shows how the Yxy color 56.6415, 0.3368, 0.3268 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 56.6415, 0.3368, 0.3268 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 56.6415, 0.3368, 0.3268

Background



This preview shows how black text looks on a background with the Yxy color 56.6415, 0.3368, 0.3268.



This preview shows how white text looks on a background with the Yxy color 56.6415, 0.3368, 0.3268.

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

56.6415, 0.3368, 0.3268

Protanopia

56.9759, 0.3166, 0.3302

Deuteranopia

56.7652, 0.3350, 0.3279



Tritanopia

56.4428, 0.3291, 0.3121

Trichromacy



Original Color

56.6415, 0.3368, 0.3268

Protanomaly

56.5710, 0.3232, 0.3279

Deuteranomaly

56.9217, 0.3358, 0.3279

Tritanomaly

56.6850, 0.3322, 0.3177

Monochromacy



Original Color

56.6415, 0.3368, 0.3268

Achromatopsia

57.7580, 0.3127, 0.3290

Achromatomaly

57.3736, 0.3215, 0.3290

CSS Examples

Text

The CSS property to change the color of the text to Yxy 56.6415, 0.3368, 0.3268 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, 191, 193)` looks like.

```
.text, #text, p{  
    color:rgb(222, 191, 193)  
}
```

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, 191, 193) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(222, 191, 193) }
```

Border

The CSS property to change the border of an element to Yxy 56.6415, 0.3368, 0.3268 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, 191, 193) }
```

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

```
.border{ border-color:rgb(222, 191, 193) }
```

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

Here you see how a box with a 4 pixel rgb(222, 191, 193) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(222, 191, 193); -webkit-box-  
shadow:4px 4px 4px 4px rgb(222, 191, 193);  
box-shadow:4px 4px 4px 4px rgb(222, 191,  
193) }
```


Background

The CSS property to change the background color of an element to Yxy 56.6415, 0.3368, 0.3268 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(222, 191, 193) }
```

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

```
.background{ background-color: rgb(222,  
191, 193) }
```

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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