

Converting Colors

$Yxy(56.7561, 0.3360, 0.3261)$

Have a look what the booklet for
Yxy(56.7561, 0.3360, 0.3261)
contains.

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Color

Yxy(56.6862, 0.3360, 0.3256)

Conversions

Conversions Part 1

Format	Color
Hex	DEBFC2
RGB	222, 191, 194
RGB Percent	87%, 75%, 76%
CMY	0.1294, 0.2510, 0.2391
CMYK	0.00, 0.14, 0.13, 0.13
HSL	354°, 32%, 81%
HSV	354°, 14%, 87%
XYZ	58.4968, 56.6862, 58.9147
YIQ	200.6110, 17.5130, 7.5050

Conversions

Conversions Part 2

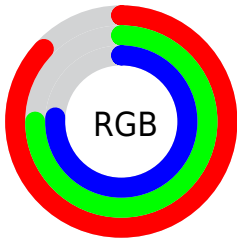
Format	Color
R _Y B	222, 191, 194
Decimal	14598082
CIE _{Lab}	80.00, 11.50, 2.55
CIE _{LCh}	80, 11.780, 12.493
Yxy	56.6862, 0.3360, 0.3256
Android (android.graphics.Color)	4292788162 (0xFFDEBFC2)
YUV	200.6110, -3.2592, 18.7582
Hunter-Lab	75.2902, 6.9278, 6.3087

Details

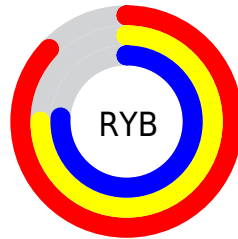
The Yxy color $56.6862, 0.3360, 0.3256$ is a light color, and the websafe version is hex `FFCCCC`. A complement of this color would be $68.4363, 0.2934, 0.3324$, and the grayscale version is $58.1705, 0.3127, 0.3290$.

A 20% lighter version of the original color is $94.6837, 0.3160, 0.3261$, and $28.2859, 0.3431, 0.3261$ is the 20% darker color. If you saturate the color by 10%, you get $46.8880, 0.3576, 0.3230$, and if you desaturate by 10%, it is $68.0784, 0.3186, 0.3281$.

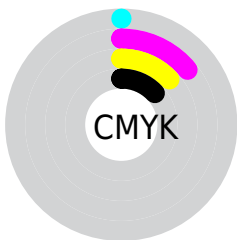
Distribution



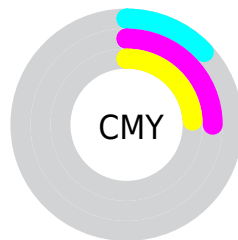
- Red (87%)
- Green (75%)
- Blue (76%)



- 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 56.6862, 0.3360, 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 56.6862, 0.3360, 0.3256 by changing the saturation by 10% instead.

 56.6862, 0.3360,
0.3256

 56.6862, 0.3360,
0.3256


412.2724, 0.3247,
0.3273

 40.7534, 0.3387,
0.3252


 100.0072, 0.3320,
0.3262

 28.1264, 0.3422,
0.3246


128.1641, 0.3304,
0.3265

 18.4210, 0.3467,
0.3239


161.1645, 0.3291,
0.3267

 11.2526, 0.3528,
0.3228

199.3927, 0.3280,
0.3268

 6.2370, 0.3616,
0.3212

243.2333, 0.3270,
0.3270

 2.9897, 0.3753,
0.3187

293.0705, 0.3261,

 1.1264, 0.3997,

0.3271

349.2887, 0.3254,
0.3272

0.3137

0.0003, 0.9989,
0.0011

0.0000, 0.0000,
0.0000

56.6862, 0.3360,
0.3256

56.6862, 0.3360,
0.3256

46.8880, 0.3576,
0.3230

68.0784, 0.3186,
0.3281

38.6056, 0.3845,
0.3204

81.1233, 0.3047,
0.3304

31.7655, 0.4172,
0.3179

94.2145, 0.2934,
0.3298

26.2851, 0.4560,
0.3160

94.2708, 0.2929,
0.3289

■ 22.0735, 0.4997,
0.3151

■ 19.0287, 0.5451,
0.3157

■ 17.0328, 0.5866,
0.3181

■ 15.9431, 0.6178,
0.3223

■ 15.5876, 0.6304,
0.3247

Harmonies

Analogous

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



56.6862, 0.3229, 0.3135



56.6862, 0.3360, 0.3256



56.6862, 0.3428, 0.3389

Triad

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



56.6862, 0.3360, 0.3256



56.6862, 0.3176, 0.3542



56.6862, 0.2848, 0.3075

Complementary

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



56.6862, 0.3360, 0.3256



68.4363, 0.2934, 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.



56.6862, 0.2835, 0.3179



56.6862, 0.3360, 0.3256



56.6862, 0.3022, 0.3454

Square

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



56.6862, 0.3360, 0.3256



56.6862, 0.3320, 0.3558



56.6862, 0.2898, 0.3319



56.6862, 0.2934, 0.3030

Rectangle

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



56.6862, 0.3360, 0.3256



56.6862, 0.3428, 0.3468



56.6862, 0.2898, 0.3319



56.6862, 0.2835, 0.3104

Sweetspot

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



56.6887, 0.3360, 0.3256



93.0852, 0.3187, 0.3281



57.5815, 0.3119, 0.2944



19.6546, 0.3199, 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.



56.6887, 0.3360, 0.3256



73.1242, 0.3423, 0.3248



62.1949, 0.3364, 0.3431



13.7222, 0.3277, 0.3267



9.2654, 0.6284, 0.3235



0.6498, 0.5999, 0.3078

Inverse Universe

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



56.6887, 0.3360, 0.3256



73.1242, 0.3423, 0.3248



62.2488, 0.2911, 0.3145



13.7222, 0.3277, 0.3267



9.2654, 0.6284, 0.3235



0.6498, 0.5999, 0.3078

Previews

White Background



This preview shows how the Yxy color 56.6862, 0.3360, 0.3256 looks on a white background.

Color Contrast Check

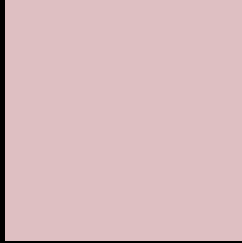
Large Text (above 18pt) WCAG AA × Fail

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 56.6862, 0.3360, 0.3256 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

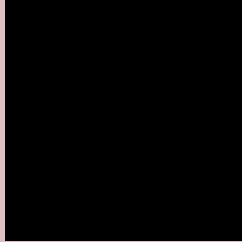
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 56.6862, 0.3360, 0.3256

Background



This preview shows how black text looks on a background with the Yxy color 56.6862, 0.3360, 0.3256.



This preview shows how white text looks on a background with the Yxy color 56.6862, 0.3360, 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

56.6862, 0.3360, 0.3256

Protanopia

57.0219, 0.3159, 0.3290

Deuteranopia

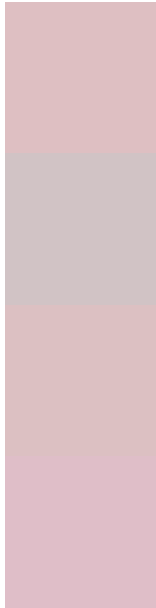
56.6544, 0.3334, 0.3268



Tritanopia

56.4428, 0.3291, 0.3121

Trichromacy



Original Color

56.6862, 0.3360, 0.3256

Protanomaly

56.6167, 0.3225, 0.3267

Deuteranomaly

56.8100, 0.3342, 0.3268

Tritanomaly

56.6850, 0.3322, 0.3177

Monochromacy



Original Color

56.6862, 0.3360, 0.3256

Achromatopsia

58.4078, 0.3127, 0.3290

Achromatomaly

57.5650, 0.3215, 0.3279

CSS Examples

Text

The CSS property to change the color of the text to Yxy 56.6862, 0.3360, 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, 191, 194)` looks like.

```
.text, #text, p{  
    color:rgb(222, 191, 194)  
}
```

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, 194) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(222, 191, 194) }
```

Border

The CSS property to change the border of an element to Yxy 56.6862, 0.3360, 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, 191, 194) }
```

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

```
.border{ border-color:rgb(222, 191, 194) }
```

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, 194)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(222, 191, 194); -webkit-box-  
shadow:4px 4px 4px 4px rgb(222, 191, 194);  
box-shadow:4px 4px 4px 4px rgb(222, 191,  
194) }
```


Background

The CSS property to change the background color of an element to Yxy 56.6862, 0.3360, 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, 191, 194) }
```

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

```
.background{ background-color: rgb(222,  
191, 194) }
```

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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