

Converting Colors

Yxy(56.9494, 0.3160, 0.3030)

Have a look what the booklet for
Yxy(56.9494, 0.3160, 0.3030)
contains.

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Color

Yxy(56.8684, 0.3163, 0.3029)

Conversions

Conversions Part 1

Format	Color
Hex	D9BFD6
RGB	217, 191, 214
RGB Percent	85%, 75%, 84%
CMY	0.1491, 0.2510, 0.1606
CMYK	0.00, 0.12, 0.01, 0.15
HSL	307°, 25%, 80%
HSV	307°, 12%, 85%
XYZ	59.3842, 56.8684, 71.4938
YIQ	201.3960, 8.1130, 12.6650

Conversions

Conversions Part 2

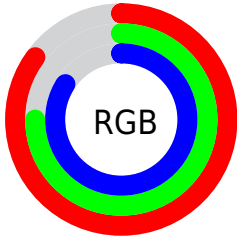
Format	Color
R _Y B	217, 191, 214
Decimal	14270422
CIE Lab	80.11, 13.20, -8.13
CIE LCh	80, 15.503, 328.353
Yxy	56.8684, 0.3163, 0.3029
Android (android.graphics.Color)	4292460502 (0xFFD9BFD6)
YUV	201.3960, 6.2138, 13.6847
Hunter-Lab	75.4111, 8.5944, -3.4223

Details

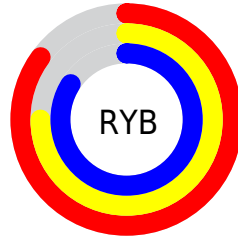
The Yxy color $56.8684, 0.3163, 0.3029$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $64.5872, 0.3093, 0.3566$, and the grayscale version is $58.6256, 0.3127, 0.3290$.

A 20% lighter version of the original color is $95.0015, 0.3131, 0.3214$, and $28.3615, 0.3174, 0.2976$ is the 20% darker color. If you saturate the color by 10%, you get $47.9726, 0.3197, 0.2805$, and if you desaturate by 10%, it is $67.1730, 0.3133, 0.3248$.

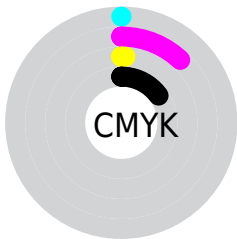
Distribution



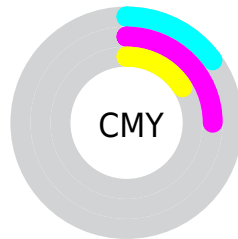
- Red (85%)
- Green (75%)
- Blue (84%)



- Red (85%)
- Yellow (75%)
- Blue (84%)



- Cyan (0%)
- Magenta (12%)
- Yellow (1%)
- Black (15%)




- Cyan (15%)
- Magenta (25%)
- Yellow (16%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 56.8684, 0.3163, 0.3029 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 56.8684, 0.3163, 0.3029 by changing the saturation by 10% instead.


 56.8684, 0.3163,
0.3029

 56.8684, 0.3163,
0.3029


412.9560, 0.3147,
0.3153

 40.8996, 0.3167,
0.3000


 100.2731, 0.3157,
0.3072

 28.2406, 0.3171,
0.2964


128.4779, 0.3155,
0.3089

 18.5071, 0.3176,
0.2917


161.5300, 0.3153,
0.3104

 11.3147, 0.3183,
0.2856

199.8140, 0.3152,
0.3116

 6.2789, 0.3192,
0.2769

243.7142, 0.3150,
0.3127

 3.0154, 0.3204,
0.2640

293.6150, 0.3149,

 1.1398, 0.3219,

0.3136

0.2428

349.9008, 0.3148,
0.3145

0.0117, 0.3598,
0.0126

0.0000, 0.0000,
0.0000

56.8684, 0.3163,
0.3029

56.8684, 0.3163,
0.3029

47.9726, 0.3197,
0.2805

67.1730, 0.3133,
0.3248

40.4168, 0.3235,
0.2581

78.9367, 0.3106,
0.3457

34.1375, 0.3276,
0.2365

91.5116, 0.3083,
0.3642

29.0631, 0.3319,
0.2167

91.6438, 0.3070,
0.3616

■ 25.1149, 0.3363,
0.1997

■ 91.7779, 0.3056,
0.3589

■ 22.2051, 0.3408,
0.1863

■ 91.9139, 0.3042,
0.3563

■ 20.2326, 0.3450,
0.1772

■ 92.0519, 0.3029,
0.3537

■ 19.0763, 0.3490,
0.1725

■ 92.1918, 0.3015,
0.3511

■ 18.5741, 0.3520,
0.1713

■ 92.3337, 0.3002,
0.3485

Harmonies

Analogous

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



56.8684, 0.2962, 0.2956



56.8684, 0.3163, 0.3029



56.8684, 0.3359, 0.3166

Triad

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



56.8684, 0.3163, 0.3029



56.8684, 0.3449, 0.3617



56.8684, 0.2773, 0.3226

Complementary

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



56.8684, 0.3163, 0.3029



64.5872, 0.3093, 0.3566

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.



56.8684, 0.2895, 0.3416



56.8684, 0.3163, 0.3029



56.8684, 0.3285, 0.3647

Square

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



56.8684, 0.3163, 0.3029



56.8684, 0.3527, 0.3501



56.8684, 0.3082, 0.3573



56.8684, 0.2742, 0.3062

Rectangle

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



56.8684, 0.3163, 0.3029



56.8684, 0.3459, 0.3278



56.8684, 0.3082, 0.3573



56.8684, 0.2804, 0.3289

Sweetspot

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



56.8709, 0.3163, 0.3029



93.5897, 0.3139, 0.3203



53.6903, 0.2958, 0.2980



19.7822, 0.3141, 0.3187



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.



56.8709, 0.3163, 0.3029



79.0422, 0.3170, 0.2981



56.2493, 0.3260, 0.3171



13.2481, 0.3155, 0.3085



11.2556, 0.3515, 0.1710



0.7366, 0.3459, 0.1679

Inverse Universe

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



56.8709, 0.3163, 0.3029



79.0422, 0.3170, 0.2981



65.1796, 0.3011, 0.3412



13.2481, 0.3155, 0.3085



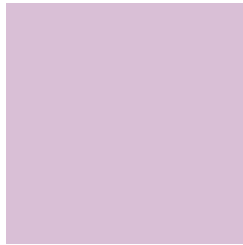
11.2556, 0.3515, 0.1710



0.7366, 0.3459, 0.1679

Previews

White Background



This preview shows how the Yxy color 56.8684, 0.3163, 0.3029 looks on a white background.

Color Contrast Check

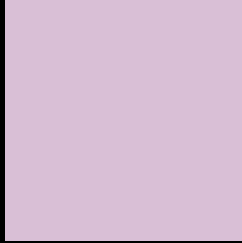
Large Text (above 18pt) WCAG AA × Fail

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 56.8684, 0.3163, 0.3029 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

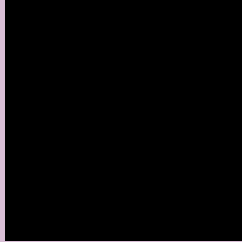
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 56.8684, 0.3163, 0.3029

Background



This preview shows how black text looks on a background with the Yxy color 56.8684, 0.3163, 0.3029.



This preview shows how white text looks on a background with the Yxy color 56.8684, 0.3163, 0.3029.

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

56.8684, 0.3163, 0.3029

Protanopia

56.8648, 0.2978, 0.3043

Deuteranopia

56.8439, 0.3115, 0.3049



Tritanopia

56.8032, 0.3208, 0.3118

Trichromacy



Original Color

56.8684, 0.3163, 0.3029

Protanomaly

56.8773, 0.3038, 0.3034

Deuteranomaly

56.7004, 0.3131, 0.3038

Tritanomaly

56.9513, 0.3185, 0.3085

Monochromacy



Original Color

56.8684, 0.3163, 0.3029

Achromatopsia

58.4078, 0.3127, 0.3290

Achromatomaly

57.6541, 0.3140, 0.3185

CSS Examples

Text

The CSS property to change the color of the text to Yxy 56.8684, 0.3163, 0.3029 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, 191, 214)` looks like.

```
.text, #text, p{  
    color:rgb(217, 191, 214)  
}
```

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, 191, 214) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(217, 191, 214) }
```

Border

The CSS property to change the border of an element to Yxy 56.8684, 0.3163, 0.3029 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, 191, 214) }
```

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

```
.border{ border-color:rgb(217, 191, 214) }
```

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

Here you see how a box with a 4 pixel `rgb(217, 191, 214)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(217, 191, 214); -webkit-box-  
shadow:4px 4px 4px 4px rgb(217, 191, 214);  
box-shadow:4px 4px 4px 4px rgb(217, 191,  
214) }
```


Background

The CSS property to change the background color of an element to Yxy 56.8684, 0.3163, 0.3029 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(217, 191, 214) }
```

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

```
.background{ background-color: rgb(217,  
191, 214) }
```

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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