

Converting Colors

Yxy(56.8404, 0.3291, 0.3244)

Have a look what the booklet for
Yxy(56.8404, 0.3291, 0.3244)
contains.

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Color

Yxy(56.9229, 0.3292, 0.3244)

Conversions

Conversions Part 1

| Format | Color |
|-------------|---------------------------|
| Hex | D9C1C5 |
| RGB | 217, 193, 197 |
| RGB Percent | 85%, 76%, 77% |
| CMY | 0.1490, 0.2431, 0.2273 |
| CMYK | 0.00, 0.11, 0.09, 0.15 |
| HSL | 350°, 24%, 80% |
| HSV | 350°, 11%, 85% |
| XYZ | 57.7652, 56.9229, 60.7833 |
| YIQ | 200.6320, 13.0200, 6.3320 |

Conversions

Conversions Part 2

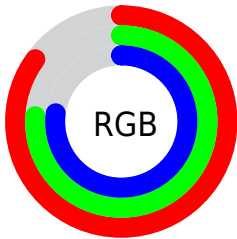
| Format | Color |
|-------------------------------------|--|
| RYB | 217, 193, 197 |
| Decimal | 14270917 |
| CIELab | 80.14, 9.14, 1.07 |
| CIELCh | 80, 9.208, 6.693 |
| Yxy | 56.9229, 0.3292, 0.3244 |
| Android (android.graphics.Color) | 4292460997 (0xFFD9C1C5) |
| YUV | 200.6320, -1.7906, 14.3547 |
| Hunter-Lab | 75.4473, 4.6334, 5.0467 |

Details

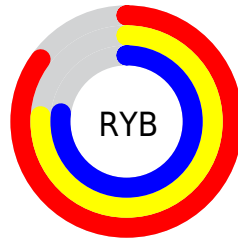
The Yxy color `56.9229, 0.3292, 0.3244` is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be `65.7650, 0.2984, 0.3337`, and the grayscale version is `58.1764, 0.3127, 0.3290`.

A 20% lighter version of the original color is `96.1671, 0.3136, 0.3242`, and `28.1298, 0.3340, 0.3229` is the 20% darker color. If you saturate the color by 10%, you get `47.2456, 0.3479, 0.3200`, and if you desaturate by 10%, it is `68.1121, 0.3141, 0.3286`.

Distribution



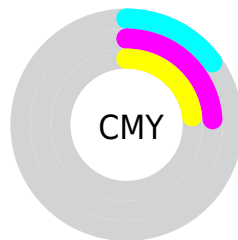
- Red (85%)
- Green (76%)
- Blue (77%)



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



- Cyan (0%)
- Magenta (11%)
- Yellow (9%)
- Black (15%)





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

Brightness & Saturation Gradients


These gradients show how the Yxy color 56.9229, 0.3292, 0.3244 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 56.9229, 0.3292, 0.3244 by changing the saturation by 10% instead.


 56.9229, 0.3292,
0.3244

 56.9229, 0.3292,
0.3244


413.1603, 0.3212,
0.3267

 40.9433, 0.3311,
0.3239


 100.3527, 0.3264,
0.3252

 28.2748, 0.3335,
0.3232


128.5717, 0.3253,
0.3255

 18.5329, 0.3367,
0.3222


161.6393, 0.3243,
0.3258

 11.3333, 0.3410,
0.3210

199.9399, 0.3235,
0.3260

 6.2915, 0.3472,
0.3192

243.8580, 0.3229,
0.3262

 3.0231, 0.3568,
0.3163

293.7778, 0.3222,

 1.1438, 0.3737,

0.3264

0.3111

350.0838, 0.3217,
0.3265

0.0151, 0.9403,
0.0597

0.0000, 0.0000,
0.0000

56.9229, 0.3292,
0.3244

56.9229, 0.3292,
0.3244

47.2456, 0.3479,
0.3200

68.1121, 0.3141,
0.3286

39.0080, 0.3710,
0.3154

80.8661, 0.3020,
0.3324

32.1435, 0.3992,
0.3110

93.2493, 0.2920,
0.3328

26.5771, 0.4331,
0.3071

93.4913, 0.2900,
0.3289

■ 22.2267, 0.4721,
0.3045

■ 19.0007, 0.5145,
0.3039

■ 16.7946, 0.5566,
0.3061

■ 15.4840, 0.5930,
0.3114

■ 14.8813, 0.6174,
0.3175

Harmonies

Analogous

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



56.9229, 0.3184, 0.3153



56.9229, 0.3292, 0.3244



56.9229, 0.3356, 0.3349

Triad

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



56.9229, 0.3292, 0.3244



56.9229, 0.3190, 0.3493



56.9229, 0.2902, 0.3135

Complementary

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



56.9229, 0.3292, 0.3244



65.7650, 0.2984, 0.3337

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.



56.9229, 0.2904, 0.3224



56.9229, 0.3292, 0.3244



56.9229, 0.3068, 0.3434

Square

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



56.9229, 0.3292, 0.3244



56.9229, 0.3296, 0.3495



56.9229, 0.2964, 0.3334



56.9229, 0.2959, 0.3089

Rectangle

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



56.9229, 0.3292, 0.3244



56.9229, 0.3364, 0.3413



56.9229, 0.2964, 0.3334



56.9229, 0.2896, 0.3161

Sweetspot

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



56.9254, 0.3292, 0.3244



94.8125, 0.3168, 0.3278



57.2373, 0.3105, 0.3017



20.0045, 0.3180, 0.3274



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.



56.9254, 0.3292, 0.3244



78.9918, 0.3327, 0.3235



60.1895, 0.3313, 0.3378



13.0870, 0.3265, 0.3251



9.0191, 0.6146, 0.3159



0.5954, 0.5723, 0.2926

Inverse Universe

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



56.9254, 0.3292, 0.3244



78.9918, 0.3327, 0.3235



62.1447, 0.2957, 0.3200



13.0870, 0.3265, 0.3251



9.0191, 0.6146, 0.3159



0.5954, 0.5723, 0.2926

Previews

White Background



This preview shows how the Yxy color 56.9229, 0.3292, 0.3244 looks on a white background.

Color Contrast Check

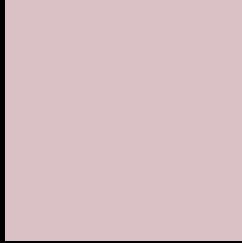
Large Text (above 18pt) WCAG AA × Fail

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 56.9229, 0.3292, 0.3244 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

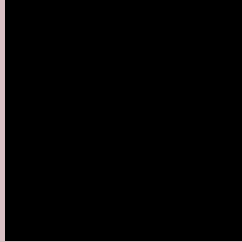
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 56.9229, 0.3292, 0.3244

Background



This preview shows how black text looks on a background with the Yxy color 56.9229, 0.3292, 0.3244.



This preview shows how white text looks on a background with the Yxy color 56.9229, 0.3292, 0.3244.

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

56.9229, 0.3292, 0.3244

Protanopia

57.1149, 0.3144, 0.3266

Deuteranopia

56.7906, 0.3310, 0.3233



Tritanopia

57.1097, 0.3224, 0.3119

Trichromacy



Original Color

56.9229, 0.3292, 0.3244

Protanomaly

56.8688, 0.3193, 0.3255

Deuteranomaly

56.6359, 0.3302, 0.3233

Tritanomaly

56.9165, 0.3255, 0.3164

Monochromacy



Original Color

56.9229, 0.3292, 0.3244

Achromatopsia

58.4078, 0.3127, 0.3290

Achromatomaly

57.8237, 0.3184, 0.3267

CSS Examples

Text

The CSS property to change the color of the text to Yxy 56.9229, 0.3292, 0.3244 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, 197)` looks like.

```
.text, #text, p{  
    color:rgb(217, 193, 197)  
}
```

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, 197) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(217, 193, 197) }
```

Border

The CSS property to change the border of an element to Yxy 56.9229, 0.3292, 0.3244 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, 197) }
```

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

```
.border{ border-color:rgb(217, 193, 197) }
```

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, 197) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(217, 193, 197); -webkit-box-  
shadow:4px 4px 4px 4px rgb(217, 193, 197);  
box-shadow:4px 4px 4px 4px rgb(217, 193,  
197) }
```


Background

The CSS property to change the background color of an element to Yxy 56.9229, 0.3292, 0.3244 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, 197) }
```

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

```
.background{ background-color: rgb(217,  
193, 197) }
```

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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