

Converting Colors

Yxy(56.5586, 0.3233, 0.3231)

Have a look what the booklet for
Yxy(56.5586, 0.3233, 0.3231)
contains.

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Color

Yxy(56.7041, 0.3235, 0.3232)

Conversions

Conversions Part 1

Format	Color
Hex	D4C2C7
RGB	212, 194, 199
RGB Percent	83%, 76%, 78%
CMY	0.1685, 0.2392, 0.2196
CMYK	0.00, 0.09, 0.06, 0.17
HSL	343°, 17%, 80%
HSV	343°, 9%, 83%
XYZ	56.7567, 56.7041, 61.9850
YIQ	199.9520, 9.1230, 5.3710

Conversions

Conversions Part 2

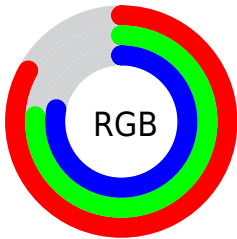
Format	Color
R _Y B	212, 194, 199
Decimal	13943495
CIE Lab	80.01, 7.20, -0.22
CIE LCh	80, 7.201, 358.268
Yxy	56.7041, 0.3235, 0.3232
Android (android.graphics.Color)	4292133575 (0xFFD4C2C7)
YUV	199.9520, -0.4693, 10.5661
Hunter-Lab	75.3021, 2.7603, 3.9069

Details

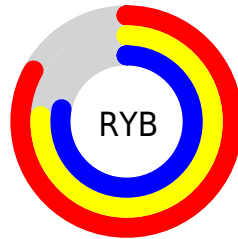
The Yxy color **56.7041, 0.3235, 0.3232** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **63.0743, 0.3030, 0.3349**, and the grayscale version is **57.7294, 0.3127, 0.3290**.

A 20% lighter version of the original color is **96.8512, 0.3129, 0.3242**, and **27.9686, 0.3262, 0.3213** is the 20% darker color. If you saturate the color by 10%, you get **47.2565, 0.3389, 0.3160**, and if you desaturate by 10%, it is **67.5748, 0.3110, 0.3300**.

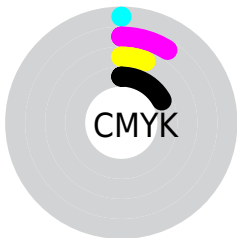
Distribution



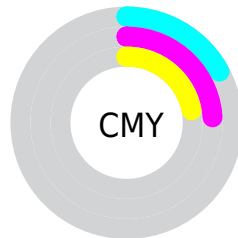
- Red (83%)
- Green (76%)
- Blue (78%)



- Red (83%)
- Yellow (76%)
- Blue (78%)



- Cyan (0%)
- Magenta (9%)
- Yellow (6%)
- Black (17%)





- Cyan (17%)
- Magenta (24%)
- Yellow (22%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 56.7041, 0.3235, 0.3232 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 56.7041, 0.3235, 0.3232 by changing the saturation by 10% instead.


 56.7041, 0.3235,
0.3232

 56.7041, 0.3235,
0.3232


412.3396, 0.3183,
0.3260

 40.7677, 0.3248,
0.3225

 100.0333, 0.3216,
0.3242

 28.1376, 0.3263,
0.3217


128.1949, 0.3209,
0.3246

 18.4294, 0.3284,
0.3206

161.2004, 0.3203,
0.3249

 11.2587, 0.3312,
0.3191

199.4341, 0.3198,
0.3252

 6.2411, 0.3352,
0.3169

243.2805, 0.3194,
0.3254

 2.9923, 0.3414,
0.3136

293.1240, 0.3190,

 1.1277, 0.3524,

0.3257

0.3077

349.3489, 0.3186,
0.3258

0.0014, 0.9068,
0.0073

0.0000, 0.0000,
0.0000

56.7041, 0.3235,
0.3232

56.7041, 0.3235,
0.3232

47.2565, 0.3389,
0.3160

67.5748, 0.3110,
0.3300

39.1657, 0.3577,
0.3085

79.9164, 0.3008,
0.3362

32.3711, 0.3807,
0.3010

92.1107, 0.2925,
0.3393

26.8049, 0.4082,
0.2940

92.7407, 0.2872,
0.3289

■ 22.3928, 0.4403,
0.2884

■ 19.0524, 0.4762,
0.2852

■ 16.6906, 0.5140,
0.2856

■ 15.1976, 0.5505,
0.2903

■ 14.4078, 0.5819,
0.2990

Harmonies

Analogous

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



56.7041, 0.3145, 0.3166



56.7041, 0.3235, 0.3232



56.7041, 0.3297, 0.3314

Triad

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



56.7041, 0.3235, 0.3232



56.7041, 0.3202, 0.3454



56.7041, 0.2946, 0.3186

Complementary

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



56.7041, 0.3235, 0.3232



63.0743, 0.3030, 0.3349

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.



56.7041, 0.2961, 0.3263



56.7041, 0.3235, 0.3232



56.7041, 0.3108, 0.3419

Square

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



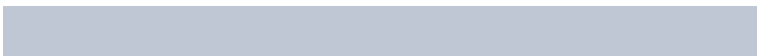
56.7041, 0.3235, 0.3232



56.7041, 0.3277, 0.3443



56.7041, 0.3020, 0.3349



56.7041, 0.2978, 0.3139

Rectangle

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



56.7041, 0.3235, 0.3232



56.7041, 0.3313, 0.3367



56.7041, 0.3020, 0.3349



56.7041, 0.2945, 0.3209

Sweetspot

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



56.7066, 0.3235, 0.3232



94.8649, 0.3163, 0.3270



56.5905, 0.3097, 0.3080



20.0186, 0.3174, 0.3264



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.



56.7066, 0.3235, 0.3232



83.6653, 0.3258, 0.3221



58.2396, 0.3269, 0.3336



12.4769, 0.3248, 0.3226



8.8496, 0.5827, 0.2983



0.5478, 0.5326, 0.2708

Inverse Universe

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



56.7066, 0.3235, 0.3232



83.6653, 0.3258, 0.3221



61.3933, 0.2997, 0.3244



12.4769, 0.3248, 0.3226



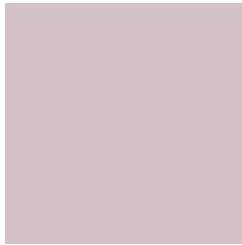
8.8496, 0.5827, 0.2983



0.5478, 0.5326, 0.2708

Previews

White Background



This preview shows how the Yxy color 56.7041, 0.3235, 0.3232 looks on a white background.

Color Contrast Check

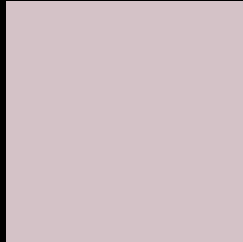
Large Text (above 18pt) WCAG AA × Fail

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 56.7041, 0.3235, 0.3232 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

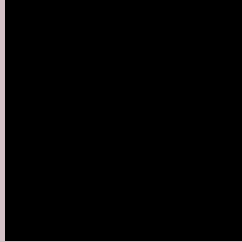
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

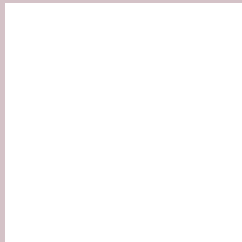
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 56.7041, 0.3235, 0.3232

Background



This preview shows how black text looks on a background with the Yxy color 56.7041, 0.3235, 0.3232.



This preview shows how white text looks on a background with the Yxy color 56.7041, 0.3235, 0.3232.

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

56.7041, 0.3235, 0.3232

Protanopia

56.5671, 0.3129, 0.3242

Deuteranopia

56.5745, 0.3278, 0.3210



Tritanopia

56.8401, 0.3175, 0.3117

Trichromacy



Original Color

56.7041, 0.3235, 0.3232

Protanomaly

56.6291, 0.3169, 0.3243

Deuteranomaly

56.7105, 0.3260, 0.3221

Tritanomaly

56.6938, 0.3198, 0.3152

Monochromacy



Original Color

56.7041, 0.3235, 0.3232

Achromatopsia

57.7580, 0.3127, 0.3290

Achromatomaly

57.3957, 0.3160, 0.3266

CSS Examples

Text

The CSS property to change the color of the text to Yxy 56.7041, 0.3235, 0.3232 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(212, 194, 199)` looks like.

```
.text, #text, p{  
    color:rgb(212, 194, 199)  
}
```

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(212, 194, 199) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(212, 194, 199) }
```

Border

The CSS property to change the border of an element to Yxy 56.7041, 0.3235, 0.3232 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(212, 194, 199) }
```

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

```
.border{ border-color:rgb(212, 194, 199) }
```

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

Here you see how a box with a 4 pixel `rgb(212, 194, 199)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(212, 194, 199); -webkit-box-  
shadow:4px 4px 4px 4px rgb(212, 194, 199);  
box-shadow:4px 4px 4px 4px rgb(212, 194,  
199) }
```


Background

The CSS property to change the background color of an element to Yxy 56.7041, 0.3235, 0.3232 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(212, 194, 199) }
```

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

```
.background{ background-color: rgb(212,  
194, 199) }
```

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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