

Converting Colors

$Y_{xy}(56.5093, 0.3275, 0.3231)$

Have a look what the booklet for
Yxy(56.5093, 0.3275, 0.3231)
contains.

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Color

Yxy(56.6642, 0.3268, 0.3232)

Conversions

Conversions Part 1

Format	Color
Hex	D7C1C6
RGB	215, 193, 198
RGB Percent	84%, 76%, 78%
CMY	0.1568, 0.2432, 0.2234
CMYK	0.00, 0.10, 0.08, 0.16
HSL	346°, 22%, 80%
HSV	346°, 10%, 84%
XYZ	57.2954, 56.6642, 61.3628
YIQ	200.1480, 11.5070, 6.2190

Conversions

Conversions Part 2

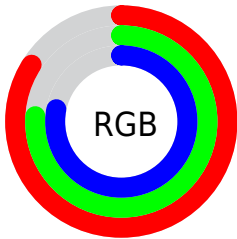
Format	Color
R _Y B	215, 193, 198
Decimal	14139846
CIE Lab	79.99, 8.62, 0.30
CIE LCh	80, 8.628, 1.992
Yxy	56.6642, 0.3268, 0.3232
Android (android.graphics.Color)	4292329926 (0xFFD7C1C6)
YUV	200.1480, -1.0590, 13.0252
Hunter-Lab	75.2756, 4.1313, 4.3612

Details

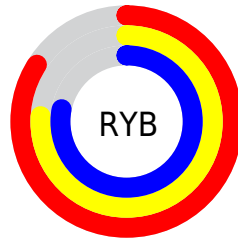
The Yxy color **56.6642, 0.3268, 0.3232** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **64.6023, 0.3003, 0.3349**, and the grayscale version is **57.8600, 0.3127, 0.3290**.

A 20% lighter version of the original color is **96.2314, 0.3130, 0.3233**, and **27.9524, 0.3307, 0.3214** is the 20% darker color. If you saturate the color by 10%, you get **47.1172, 0.3438, 0.3172**, and if you desaturate by 10%, it is **67.6821, 0.3130, 0.3289**.

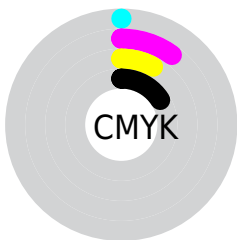
Distribution



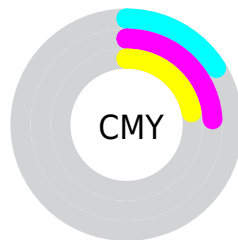
- Red (84%)
- Green (76%)
- Blue (78%)



- Red (84%)
- Yellow (76%)
- Blue (78%)



- Cyan (0%)
- Magenta (10%)
- Yellow (8%)
- Black (16%)




- Cyan (16%)
- Magenta (24%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 56.6642, 0.3268, 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 56.6642, 0.3268, 0.3232 by changing the saturation by 10% instead.


 56.6642, 0.3268,
0.3232

 56.6642, 0.3268,
0.3232


412.1898, 0.3200,
0.3260

 40.7357, 0.3284,
0.3225


 99.9750, 0.3244,
0.3242

 28.1126, 0.3305,
0.3217


128.1262, 0.3234,
0.3246

 18.4106, 0.3332,
0.3205


161.1203, 0.3227,
0.3249

 11.2452, 0.3369,
0.3190

199.3418, 0.3220,
0.3252

 6.2320, 0.3421,
0.3168

243.1752, 0.3214,
0.3254

 2.9866, 0.3503,
0.3134

293.0047, 0.3209,

 1.1248, 0.3648,

0.3257

0.3073

349.2148, 0.3204,
0.3259

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

56.6642, 0.3268,
0.3232

56.6642, 0.3268,
0.3232

47.1172, 0.3438,
0.3172

67.6821, 0.3130,
0.3289

38.9716, 0.3648,
0.3109

80.2218, 0.3019,
0.3341

32.1634, 0.3903,
0.3048

92.7347, 0.2927,
0.3363

26.6205, 0.4209,
0.2993

93.1908, 0.2889,
0.3289

■ 22.2643, 0.4564,
0.2952

■ 19.0071, 0.4955,
0.2935

■ 16.7491, 0.5356,
0.2951

■ 15.3720, 0.5725,
0.3007

■ 14.6741, 0.6017,
0.3088

Harmonies

Analogous

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



56.6642, 0.3162, 0.3150



56.6642, 0.3268, 0.3232



56.6642, 0.3336, 0.3330

Triad

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



56.6642, 0.3268, 0.3232



56.6642, 0.3203, 0.3484



56.6642, 0.2912, 0.3156

Complementary

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



56.6642, 0.3268, 0.3232



64.6023, 0.3003, 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.



56.6642, 0.2923, 0.3244



56.6642, 0.3268, 0.3232



56.6642, 0.3089, 0.3437

Square

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



56.6642, 0.3268, 0.3232



56.6642, 0.3298, 0.3477



56.6642, 0.2987, 0.3348



56.6642, 0.2958, 0.3105

Rectangle

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



56.6642, 0.3268, 0.3232



56.6642, 0.3350, 0.3393



56.6642, 0.2987, 0.3348



56.6642, 0.2909, 0.3182

Sweetspot

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



56.6667, 0.3268, 0.3232



94.8416, 0.3166, 0.3273



56.7293, 0.3098, 0.3037



20.0123, 0.3176, 0.3269



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.



56.6667, 0.3268, 0.3232



80.5787, 0.3297, 0.3221



59.0872, 0.3300, 0.3359



12.4669, 0.3255, 0.3237



8.7881, 0.5981, 0.3069



0.5429, 0.5487, 0.2796

Inverse Universe

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



56.6667, 0.3268, 0.3232



80.5787, 0.3297, 0.3221



61.9185, 0.2970, 0.3220



12.4669, 0.3255, 0.3237



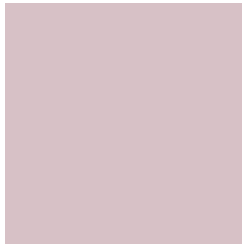
8.7881, 0.5981, 0.3069



0.5429, 0.5487, 0.2796

Previews

White Background



This preview shows how the Yxy color 56.6642, 0.3268, 0.3232 looks on a white background.

Color Contrast Check

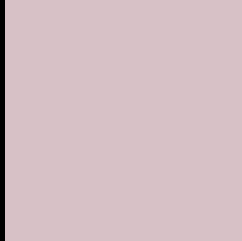
Large Text (above 18pt) WCAG AA × Fail

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 56.6642, 0.3268, 0.3232 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

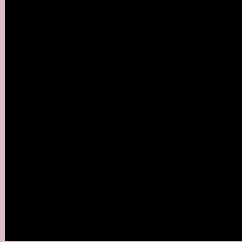
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 56.6642, 0.3268, 0.3232

Background



This preview shows how black text looks on a background with the Yxy color 56.6642, 0.3268, 0.3232.



This preview shows how white text looks on a background with the Yxy color 56.6642, 0.3268, 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

56.6642, 0.3268, 0.3232

Protanopia

56.5671, 0.3129, 0.3242

Deuteranopia

56.5282, 0.3286, 0.3221



Tritanopia

56.8032, 0.3208, 0.3118

Trichromacy



Original Color

56.6642, 0.3268, 0.3232

Protanomaly

56.7718, 0.3177, 0.3243

Deuteranomaly

56.3754, 0.3277, 0.3221

Tritanomaly

56.6578, 0.3231, 0.3152

Monochromacy



Original Color

56.6642, 0.3268, 0.3232

Achromatopsia

57.7580, 0.3127, 0.3290

Achromatomaly

57.0352, 0.3176, 0.3267

CSS Examples

Text

The CSS property to change the color of the text to Yxy 56.6642, 0.3268, 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(215, 193, 198)` looks like.

```
.text, #text, p{  
    color:rgb(215, 193, 198)  
}
```

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(215, 193, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(215, 193, 198) }
```

Border

The CSS property to change the border of an element to Yxy 56.6642, 0.3268, 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(215, 193, 198) }
```

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

```
.border{ border-color:rgb(215, 193, 198) }
```

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

Here you see how a box with a 4 pixel `rgb(215, 193, 198)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(215, 193, 198); -webkit-box-  
shadow:4px 4px 4px 4px rgb(215, 193, 198);  
box-shadow:4px 4px 4px 4px rgb(215, 193,  
198) }
```


Background

The CSS property to change the background color of an element to Yxy 56.6642, 0.3268, 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(215, 193, 198) }
```

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

```
.background{ background-color: rgb(215,  
193, 198) }
```

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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