

Converting Colors

Yxy(56.6405, 0.3270, 0.3269)

Have a look what the booklet for
Yxy(56.6405, 0.3270, 0.3269)
contains.

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Color

Yxy(56.7152, 0.3266, 0.3267)

Conversions

Conversions Part 1

Format	Color
Hex	D5C2C4
RGB	213, 194, 196
RGB Percent	84%, 76%, 77%
CMY	0.1647, 0.2392, 0.2313
CMYK	0.00, 0.09, 0.08, 0.16
HSL	354°, 18%, 80%
HSV	354°, 9%, 84%
XYZ	56.6978, 56.7152, 60.1872
YIQ	199.9090, 10.6820, 4.6500

Conversions

Conversions Part 2

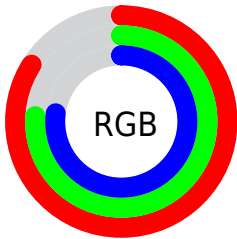
Format	Color
R _Y B	213, 194, 196
Decimal	14009028
CIE Lab	80.02, 7.02, 1.41
CIE LCh	80, 7.165, 11.360
Yxy	56.7152, 0.3266, 0.3267
Android (android.graphics.Color)	4292199108 (0xFFD5C2C4)
YUV	199.9090, -1.9271, 11.4808
Hunter-Lab	75.3095, 2.5947, 5.3322

Details

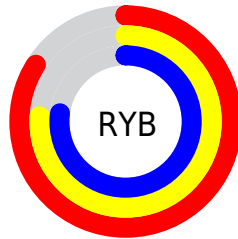
The Yxy color $56.7152, 0.3266, 0.3267$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $63.7645, 0.3003, 0.3313$, and the grayscale version is $57.7090, 0.3127, 0.3290$.

A 20% lighter version of the original color is $96.7231, 0.3141, 0.3261$, and $27.9783, 0.3304, 0.3259$ is the 20% darker color. If you saturate the color by 10%, you get $47.0926, 0.3458, 0.3240$, and if you desaturate by 10%, it is $67.8120, 0.3112, 0.3293$.

Distribution



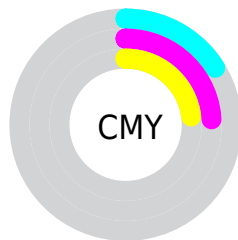
- Red (84%)
- Green (76%)
- Blue (77%)



- Red (84%)
- Yellow (76%)
- Blue (77%)



- Cyan (0%)
- Magenta (9%)
- Yellow (8%)
- Black (16%)





- Cyan (16%)
- Magenta (24%)
- Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 56.7152, 0.3266, 0.3267 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 56.7152, 0.3266, 0.3267 by changing the saturation by 10% instead.

 56.7152, 0.3266,
0.3267

 56.7152, 0.3266,
0.3267

412.3813, 0.3199,
0.3278

 40.7766, 0.3282,
0.3264


 100.0495, 0.3242,
0.3271

 28.1446, 0.3303,
0.3261

128.2140, 0.3233,
0.3273

 18.4347, 0.3329,
0.3256

161.2227, 0.3225,
0.3274

 11.2625, 0.3366,
0.3249

199.4598, 0.3218,
0.3275

 6.2437, 0.3418,
0.3240

243.3098, 0.3213,
0.3276

 2.9938, 0.3499,
0.3224

293.1572, 0.3207,

 1.1285, 0.3644,

0.3277

0.3195

349.3862, 0.3203,
0.3278

0.0021, 0.9879,
0.0121

0.0000, 0.0000,
0.0000

56.7152, 0.3266,
0.3267

56.7152, 0.3266,
0.3267

47.0926, 0.3458,
0.3240

67.8120, 0.3112,
0.3293

38.8749, 0.3695,
0.3211

80.4334, 0.2988,
0.3316

31.9988, 0.3988,
0.3183

92.7696, 0.2887,
0.3308

26.3929, 0.4341,
0.3159

92.8871, 0.2877,
0.3289

■ 21.9792, 0.4751,
0.3142

■ 18.6712, 0.5197,
0.3139

■ 16.3709, 0.5638,
0.3154

■ 14.9626, 0.6013,
0.3189

■ 14.2651, 0.6268,
0.3235

Harmonies

Analogous

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



56.7152, 0.3186, 0.3192



56.7152, 0.3266, 0.3267



56.7152, 0.3309, 0.3349

Triad

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



56.7152, 0.3266, 0.3267



56.7152, 0.3162, 0.3443



56.7152, 0.2955, 0.3161

Complementary

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



56.7152, 0.3266, 0.3267



63.7645, 0.3003, 0.3313

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.



56.7152, 0.2949, 0.3227



56.7152, 0.3266, 0.3267



56.7152, 0.3067, 0.3391

Square

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



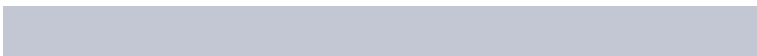
56.7152, 0.3266, 0.3267



56.7152, 0.3248, 0.3452



56.7152, 0.2990, 0.3311



56.7152, 0.3007, 0.3131

Rectangle

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



56.7152, 0.3266, 0.3267



56.7152, 0.3310, 0.3397



56.7152, 0.2990, 0.3311



56.7152, 0.2948, 0.3180

Sweetspot

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



56.7177, 0.3266, 0.3267



94.7829, 0.3171, 0.3282



57.2069, 0.3120, 0.3072



19.9965, 0.3184, 0.3280



0.0000, 0.0000, 0.0000



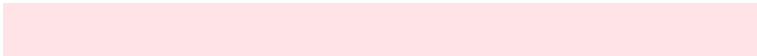
21.4041, 0.3127, 0.3290

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



56.7177, 0.3266, 0.3267



81.8789, 0.3304, 0.3261



59.9496, 0.3273, 0.3375



12.4419, 0.3275, 0.3266



8.6849, 0.6268, 0.3227



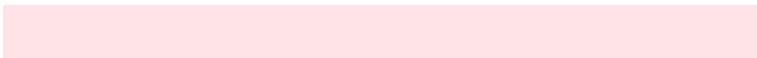
0.5312, 0.5932, 0.3042

Inverse Universe

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



56.7177, 0.3266, 0.3267



81.8789, 0.3304, 0.3261



60.2827, 0.2990, 0.3204



12.4419, 0.3275, 0.3266



8.6849, 0.6268, 0.3227



0.5312, 0.5932, 0.3042

Previews

White Background



This preview shows how the Yxy color 56.7152, 0.3266, 0.3267 looks on a white background.

Color Contrast Check

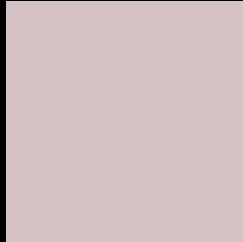
Large Text (above 18pt) WCAG AA × Fail

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 56.7152, 0.3266, 0.3267 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

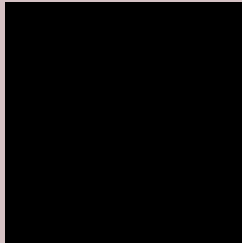
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 56.7152, 0.3266, 0.3267

Background



This preview shows how black text looks on a background with the Yxy color 56.7152, 0.3266, 0.3267.



This preview shows how white text looks on a background with the Yxy color 56.7152, 0.3266, 0.3267.

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

56.7152, 0.3266, 0.3267

Protanopia

57.0219, 0.3159, 0.3290

Deuteranopia

56.5902, 0.3310, 0.3244



Tritanopia

56.6513, 0.3200, 0.3118

Trichromacy



Original Color

56.7152, 0.3266, 0.3267

Protanomaly

57.0855, 0.3199, 0.3290

Deuteranomaly

56.7244, 0.3292, 0.3256

Tritanomaly

56.7479, 0.3221, 0.3175

Monochromacy



Original Color

56.7152, 0.3266, 0.3267

Achromatopsia

57.7580, 0.3127, 0.3290

Achromatomaly

57.4908, 0.3175, 0.3278

CSS Examples

Text

The CSS property to change the color of the text to Yxy 56.7152, 0.3266, 0.3267 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(213, 194, 196)` looks like.

```
.text, #text, p{  
    color:rgb(213, 194, 196)  
}
```

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(213, 194, 196) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(213, 194, 196) }
```

Border

The CSS property to change the border of an element to Yxy 56.7152, 0.3266, 0.3267 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(213, 194, 196) }
```

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

```
.border{ border-color:rgb(213, 194, 196) }
```

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

Here you see how a box with a 4 pixel `rgb(213, 194, 196)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(213, 194, 196); -webkit-box-  
shadow:4px 4px 4px 4px rgb(213, 194, 196);  
box-shadow:4px 4px 4px 4px rgb(213, 194,  
196) }
```


Background

The CSS property to change the background color of an element to Yxy 56.7152, 0.3266, 0.3267 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(213, 194, 196) }
```

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

```
.background{ background-color: rgb(213,  
194, 196) }
```

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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