

Converting Colors

Yxy(56.6813, 0.3140, 0.3201)

Have a look what the booklet for
Yxy(56.6813, 0.3140, 0.3201)
contains.

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Color

Yxy(56.7708, 0.3147, 0.3208)

Conversions

Conversions Part 1

Format	Color
Hex	CDC4CB
RGB	205, 196, 203
RGB Percent	80%, 77%, 80%
CMY	0.1961, 0.2313, 0.2040
CMYK	0.00, 0.04, 0.01, 0.20
HSL	313°, 8%, 79%
HSV	313°, 4%, 80%
XYZ	55.6913, 56.7708, 64.5042
YIQ	199.4890, 3.1170, 4.0850

Conversions

Conversions Part 2

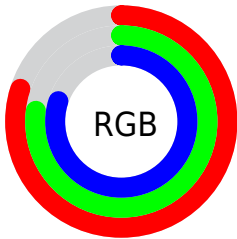
Format	Color
R _Y B	205, 196, 203
Decimal	13485259
CIE Lab	80.05, 4.38, -2.37
CIE LCh	80, 4.983, 331.618
Yxy	56.7708, 0.3147, 0.3208
Android (android.graphics.Color)	4291675339 (0xFFCDC4CB)
YUV	199.4890, 1.7309, 4.8331
Hunter-Lab	75.3464, 0.0797, 1.9842

Details

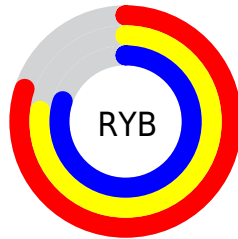
The Yxy color **56.7708, 0.3147, 0.3208** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **59.4741, 0.3108, 0.3373**, and the grayscale version is **57.4159, 0.3127, 0.3290**.

A 20% lighter version of the original color is **98.7306, 0.3128, 0.3271**, and **28.0952, 0.3154, 0.3180** is the 20% darker color. If you saturate the color by 10%, you get **47.9316, 0.3198, 0.3015**, and if you desaturate by 10%, it is **66.8849, 0.3104, 0.3392**.

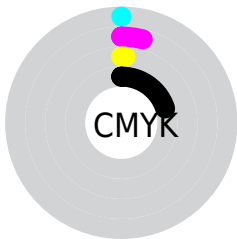
Distribution



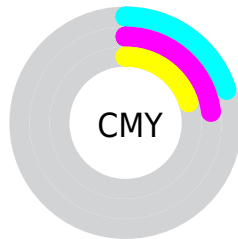
- Red (80%)
- Green (77%)
- Blue (80%)



- Red (80%)
- Yellow (77%)
- Blue (80%)



- Cyan (0%)
- Magenta (4%)
- Yellow (1%)
- Black (20%)



- Cyan (20%)
- Magenta (23%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 56.7708, 0.3147, 0.3208 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 56.7708, 0.3147, 0.3208 by changing the saturation by 10% instead.

■ 56.7708, 0.3147,
0.3208

■ 56.7708, 0.3147,
0.3208

■ 412.5899, 0.3138,
0.3248

■ 40.8213, 0.3149,
0.3199

■ 100.1307, 0.3144,
0.3222

■ 28.1794, 0.3152,
0.3187

■ 128.3098, 0.3142,
0.3227

■ 18.4610, 0.3156,
0.3171

■ 161.3342, 0.3141,
0.3232

■ 11.2814, 0.3161,
0.3151

■ 199.5884, 0.3140,
0.3236

■ 6.2565, 0.3167,
0.3121

■ 243.4566, 0.3140,
0.3239

■ 3.0017, 0.3178,
0.3076

■ 293.3234, 0.3139,

■ 1.1326, 0.3196,

0.3242

0.2997

349.5730, 0.3138,
0.3245

0.0056, 0.3879,
0.0193

0.0000, 0.0000,
0.0000

56.7708, 0.3147,
0.3208

56.7708, 0.3147,
0.3208

47.9316, 0.3198,
0.3015

66.8849, 0.3104,
0.3392

40.3089, 0.3256,
0.2816

78.3147, 0.3067,
0.3565

33.8510, 0.3323,
0.2618

89.4970, 0.3036,
0.3701

28.4992, 0.3398,
0.2427

89.7399, 0.3011,
0.3650

■ 24.1898, 0.3479,
0.2252

■ 89.9896, 0.2986,
0.3599

■ 20.8529, 0.3566,
0.2105

■ 90.2460, 0.2961,
0.3548

■ 18.4096, 0.3656,
0.1994

■ 90.5093, 0.2936,
0.3498

■ 16.7689, 0.3745,
0.1927

■ 90.7796, 0.2912,
0.3449

■ 15.8200, 0.3832,
0.1908

■ 91.0567, 0.2887,
0.3400

Harmonies

Analogous

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



56.7708, 0.3081, 0.3181



56.7708, 0.3147, 0.3208



56.7708, 0.3208, 0.3256

Triad

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



56.7708, 0.3147, 0.3208



56.7708, 0.3226, 0.3398



56.7708, 0.3009, 0.3265

Complementary

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



56.7708, 0.3147, 0.3208



59.4741, 0.3108, 0.3373

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.



56.7708, 0.3047, 0.3324



56.7708, 0.3147, 0.3208



56.7708, 0.3172, 0.3402

Square

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



56.7708, 0.3147, 0.3208



56.7708, 0.3254, 0.3365



56.7708, 0.3107, 0.3375



56.7708, 0.3002, 0.3214

Rectangle

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



56.7708, 0.3147, 0.3208



56.7708, 0.3237, 0.3294



56.7708, 0.3107, 0.3375



56.7708, 0.3018, 0.3285

Sweetspot

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



56.7733, 0.3147, 0.3208



98.3469, 0.3132, 0.3271



55.8922, 0.3077, 0.3183



21.0677, 0.3131, 0.3272



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.



56.7733, 0.3147, 0.3208



91.9499, 0.3150, 0.3195



56.5657, 0.3180, 0.3260



12.1009, 0.3153, 0.3184



9.6514, 0.3868, 0.1905



0.5088, 0.3714, 0.1820

Inverse Universe

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



56.7733, 0.3147, 0.3208



91.9499, 0.3150, 0.3195



59.6809, 0.3077, 0.3320



12.1009, 0.3153, 0.3184



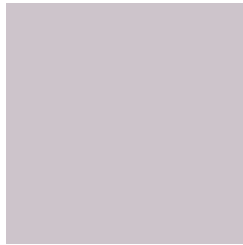
9.6514, 0.3868, 0.1905



0.5088, 0.3714, 0.1820

Previews

White Background



This preview shows how the Yxy color 56.7708, 0.3147, 0.3208 looks on a white background.

Color Contrast Check

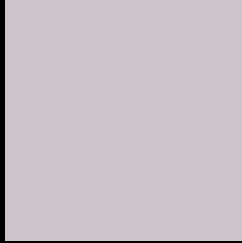
Large Text (above 18pt) WCAG AA × Fail

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 56.7708, 0.3147, 0.3208 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

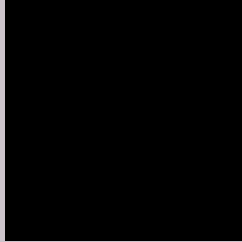
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

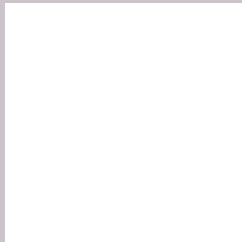
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 56.7708, 0.3147, 0.3208

Background



This preview shows how black text looks on a background with the Yxy color 56.7708, 0.3147, 0.3208.

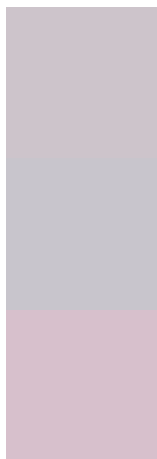


This preview shows how white text looks on a background with the Yxy color 56.7708, 0.3147, 0.3208.

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

56.7708, 0.3147, 0.3208

Protanopia

56.5715, 0.3100, 0.3207

Deuteranopia

56.5060, 0.3223, 0.3152



Tritanopia

56.8052, 0.3104, 0.3115

Trichromacy



Original Color

56.7708, 0.3147, 0.3208

Protanomaly

56.8487, 0.3115, 0.3207

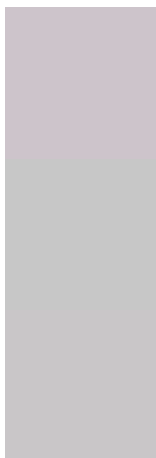
Deuteranomaly

56.3484, 0.3189, 0.3162

Tritanomaly

56.6570, 0.3126, 0.3150

Monochromacy



Original Color

56.7708, 0.3147, 0.3208

Achromatopsia

57.1125, 0.3127, 0.3290

Achromatomaly

56.9758, 0.3136, 0.3266

CSS Examples

Text

The CSS property to change the color of the text to Yxy 56.7708, 0.3147, 0.3208 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(205, 196, 203)` looks like.

```
.text, #text, p{  
    color:rgb(205, 196, 203)  
}
```

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(205, 196, 203) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(205, 196, 203) }
```

Border

The CSS property to change the border of an element to Yxy 56.7708, 0.3147, 0.3208 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(205, 196, 203) }
```

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

```
.border{ border-color:rgb(205, 196, 203) }
```

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

Here you see how a box with a 4 pixel `rgb(205, 196, 203)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(205, 196, 203); -webkit-box-  
shadow:4px 4px 4px 4px rgb(205, 196, 203);  
box-shadow:4px 4px 4px 4px rgb(205, 196,  
203) }
```


Background

The CSS property to change the background color of an element to Yxy 56.7708, 0.3147, 0.3208 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(205, 196, 203) }
```

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

```
.background{ background-color: rgb(205,  
196, 203) }
```

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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