

Converting Colors

Yxy(56.5653, 0.3100, 0.3206)

Have a look what the booklet for
Yxy(56.5653, 0.3100, 0.3206)
contains.

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Color

Yxy(56.5715, 0.3100, 0.3207)

Conversions

Conversions Part 1

Format	Color
Hex	C8C5CC
RGB	200, 197, 204
RGB Percent	78%, 77%, 80%
CMY	0.2156, 0.2274, 0.2001
CMYK	0.02, 0.03, 0.00, 0.20
HSL	266°, 6%, 79%
HSV	266°, 3%, 80%
XYZ	54.6840, 56.5715, 65.1445
YIQ	198.6950, -0.4590, 2.8130

Conversions

Conversions Part 2

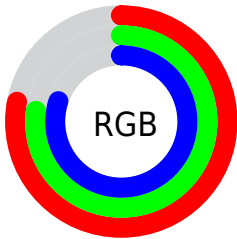
Format	Color
RYP	200, 197, 204
Decimal	13157836
CIELab	79.94, 2.33, -3.12
CIElCh	80, 3.892, 306.796
Yxy	56.5715, 0.3100, 0.3207
Android (android.graphics.Color)	4291347916 (0xFFC8C5CC)
YUV	198.6950, 2.6154, 1.1445
Hunter-Lab	75.2140, -1.8469, 1.2974

Details

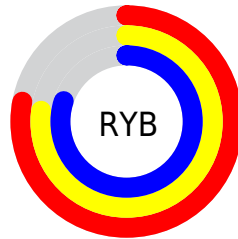
The Yxy color $56.5715, 0.3100, 0.3207$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $59.6154, 0.3154, 0.3373$, and the grayscale version is $56.9025, 0.3127, 0.3290$.

A 20% lighter version of the original color is $99.3636, 0.3128, 0.3281$, and $27.9579, 0.3090, 0.3179$ is the 20% darker color. If you saturate the color by 10%, you get $46.3929, 0.3012, 0.2949$, and if you desaturate by 10%, it is $68.1292, 0.3175, 0.3442$.

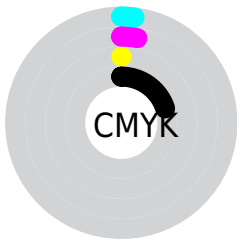
Distribution



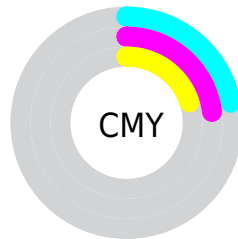
- Red (78%)
- Green (77%)
- Blue (80%)



- Red (78%)
- Yellow (77%)
- Blue (80%)



- Cyan (2%)
- Magenta (3%)
- Yellow (0%)
- Black (20%)



- Cyan (22%)
- Magenta (23%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 56.5715, 0.3100, 0.3207 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 56.5715, 0.3100, 0.3207 by changing the saturation by 10% instead.

■ 56.5715, 0.3100,
0.3207

■ 56.5715, 0.3100,
0.3207

411.8417, 0.3113,
0.3247

■ 40.6613, 0.3097,
0.3197

99.8397, 0.3105,
0.3221

■ 28.0545, 0.3093,
0.3185

127.9665, 0.3107,
0.3227

■ 18.3668, 0.3087,
0.3170

160.9342, 0.3108,
0.3231

■ 11.2136, 0.3080,
0.3148

199.1274, 0.3109,
0.3235

■ 6.2107, 0.3070,
0.3118

242.9303, 0.3111,
0.3239

■ 2.9736, 0.3053,
0.3072

292.7274, 0.3112,

■ 1.1180, 0.3024,

0.3242

0.2991

348.9031, 0.3112,
0.3245

0.0000, 0.1932,
0.0000

0.0000, 0.0000,
0.0000

56.5715, 0.3100,
0.3207

56.5715, 0.3100,
0.3207

46.3929, 0.3012,
0.2949

68.1292, 0.3175,
0.3442

37.5336, 0.2909,
0.2669

81.1084, 0.3239,
0.3654

29.9397, 0.2792,
0.2372

93.5029, 0.3296,
0.3813

23.5513, 0.2662,
0.2067

95.5378, 0.3373,
0.3800

■ 18.3029, 0.2522,
0.1765

■ 97.1382, 0.3430,
0.3791

■ 14.1231, 0.2375,
0.1480

■ 10.9317, 0.2229,
0.1229

■ 8.6370, 0.2090,
0.1028

■ 7.1284, 0.1965,
0.0884

Harmonies

Analogous

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



56.5715, 0.3056, 0.3205



56.5715, 0.3100, 0.3207



56.5715, 0.3152, 0.3231

Triad

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



56.5715, 0.3100, 0.3207



56.5715, 0.3224, 0.3355



56.5715, 0.3058, 0.3309

Complementary

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



56.5715, 0.3100, 0.3207



59.6154, 0.3154, 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.



56.5715, 0.3102, 0.3350



56.5715, 0.3100, 0.3207



56.5715, 0.3199, 0.3377

Square

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



56.5715, 0.3100, 0.3207



56.5715, 0.3224, 0.3316



56.5715, 0.3154, 0.3375



56.5715, 0.3032, 0.3263

Rectangle

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



56.5715, 0.3100, 0.3207



56.5715, 0.3183, 0.3257



56.5715, 0.3154, 0.3375



56.5715, 0.3071, 0.3324

Sweetspot

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



56.5739, 0.3100, 0.3207



98.1100, 0.3119, 0.3266



58.0342, 0.3075, 0.3255



21.0195, 0.3120, 0.3267



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.



56.5739, 0.3100, 0.3207



92.5812, 0.3095, 0.3191



57.0442, 0.3126, 0.3208



12.1486, 0.3089, 0.3175



4.1055, 0.1906, 0.0823



0.2563, 0.2130, 0.0947

Inverse Universe

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



56.9831, 0.3153, 0.3243



93.3834, 0.3158, 0.3234



59.1526, 0.3128, 0.3373



12.2719, 0.3163, 0.3225



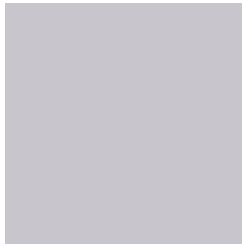
8.8913, 0.4658, 0.2339



0.4737, 0.4299, 0.2142

Previews

White Background



This preview shows how the Yxy color 56.5715, 0.3100, 0.3207 looks on a white background.

Color Contrast Check

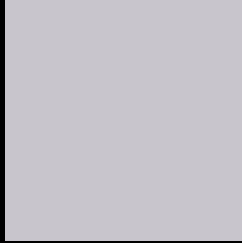
Large Text (above 18pt) WCAG AA × Fail

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 56.5715, 0.3100, 0.3207 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

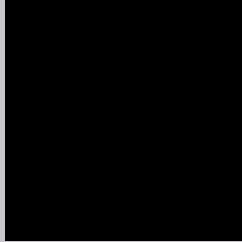
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

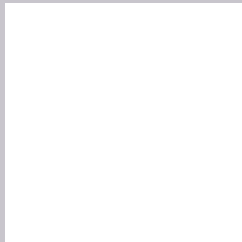
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 56.5715, 0.3100, 0.3207

Background



This preview shows how black text looks on a background with the Yxy color 56.5715, 0.3100, 0.3207.

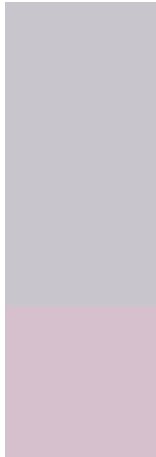


This preview shows how white text looks on a background with the Yxy color 56.5715, 0.3100, 0.3207.

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

56.5715, 0.3100, 0.3207

Protanopia

56.5715, 0.3100, 0.3207

Deuteranopia

56.4032, 0.3207, 0.3140



Tritanopia

56.6005, 0.3057, 0.3113

Trichromacy



Original Color

56.5715, 0.3100, 0.3207

Protanomaly

56.5715, 0.3100, 0.3207

Deuteranomaly

56.5467, 0.3165, 0.3162

Tritanomaly

56.4514, 0.3079, 0.3148

Monochromacy



Original Color

56.5715, 0.3100, 0.3207

Achromatopsia

57.1125, 0.3127, 0.3290

Achromatomaly

56.7473, 0.3113, 0.3254

CSS Examples

Text

The CSS property to change the color of the text to Yxy 56.5715, 0.3100, 0.3207 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(200, 197, 204)` looks like.

```
.text, #text, p{  
    color:rgb(200, 197, 204)  
}
```

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(200, 197, 204) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(200, 197, 204) }
```

Border

The CSS property to change the border of an element to Yxy 56.5715, 0.3100, 0.3207 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(200, 197, 204) }
```

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

```
.border{ border-color:rgb(200, 197, 204) }
```

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

Here you see how a box with a 4 pixel `rgb(200, 197, 204)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(200, 197, 204); -webkit-box-  
shadow:4px 4px 4px 4px rgb(200, 197, 204);  
box-shadow:4px 4px 4px 4px rgb(200, 197,  
204) }
```


Background

The CSS property to change the background color of an element to Yxy 56.5715, 0.3100, 0.3207 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(200, 197, 204) }
```

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

```
.background{ background-color: rgb(200,  
197, 204) }
```

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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