

Converting Colors

Yxy(56.0476, 0.3110, 0.3276)

Have a look what the booklet for
Yxy(56.0476, 0.3110, 0.3276)
contains.

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Color

Yxy(55.7918, 0.3105, 0.3266)

Conversions

Conversions Part 1

Format	Color
Hex	C4C5C7
RGB	196, 197, 199
RGB Percent	77%, 77%, 78%
CMY	0.2313, 0.2274, 0.2197
CMYK	0.01, 0.01, 0.00, 0.22
HSL	220°, 3%, 77%
HSV	220°, 1%, 78%
XYZ	53.0415, 55.7918, 61.9928
YIQ	196.9290, -1.2380, 0.4100

Conversions

Conversions Part 2

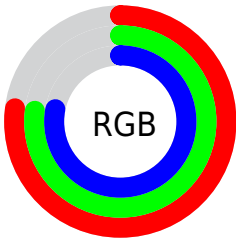
Format	Color
R _Y B	196, 197, 199
Decimal	12895687
CIE Lab	79.50, 0.03, -1.12
CIE LCh	79, 1.118, 271.733
Yxy	55.7918, 0.3105, 0.3266
Android (android.graphics.Color)	4291085767 (0xFFC4C5C7)
YUV	196.9290, 1.0210, -0.8147
Hunter-Lab	74.6939, -3.9583, 3.0775

Details

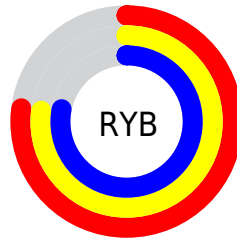
The Yxy color **55.7918, 0.3105, 0.3266** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **56.5127, 0.3149, 0.3314**, and the grayscale version is **55.7862, 0.3127, 0.3290**.

A 20% lighter version of the original color is **98.9863, 0.3115, 0.3280**, and **27.4400, 0.3097, 0.3257** is the 20% darker color. If you saturate the color by 10%, you get **47.5254, 0.2949, 0.3093**, and if you desaturate by 10%, it is **64.9495, 0.3249, 0.3419**.

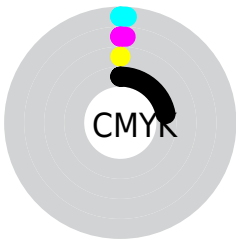
Distribution



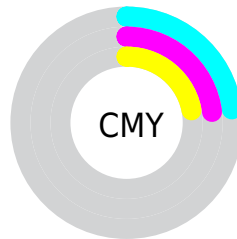
- Red (77%)
- Green (77%)
- Blue (78%)



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



- Cyan (1%)
- Magenta (1%)
- Yellow (0%)
- Black (22%)



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

Brightness & Saturation Gradients

These gradients show how the Yxy color 55.7918, 0.3105, 0.3266 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 55.7918, 0.3105, 0.3266 by changing the saturation by 10% instead.

■ 55.7918, 0.3105,
0.3266

■ 55.7918, 0.3105,
0.3266

■ 408.9064, 0.3116,
0.3278

■ 40.0360, 0.3102,
0.3263

■ 98.7001, 0.3109,
0.3270

■ 27.5666, 0.3099,
0.3260

■ 126.6214, 0.3110,
0.3272

■ 17.9992, 0.3095,
0.3255

■ 159.3667, 0.3112,
0.3273

■ 10.9494, 0.3089,
0.3249

■ 197.3203, 0.3113,
0.3274

■ 6.0328, 0.3081,
0.3239

■ 240.8667, 0.3114,
0.3275

■ 2.8651, 0.3067,
0.3225

■ 290.3903, 0.3114,

■ 1.0617, 0.3044,

0.3276

0.3200

346.2754, 0.3115,
0.3277

0.0000, 0.0000,
0.0000

55.7918, 0.3105,
0.3266

55.7918, 0.3105,
0.3266

47.5254, 0.2949,
0.3093

64.9495, 0.3249,
0.3419

40.1157, 0.2783,
0.2899

75.0176, 0.3381,
0.3553

33.5360, 0.2609,
0.2685

85.8880, 0.3496,
0.3671

27.7556, 0.2430,
0.2452

93.8705, 0.3469,
0.3796

22.7419, 0.2253,
0.2204

96.9026, 0.3460,
0.3840

■ 18.4595, 0.2082,
0.1949

■ 14.8703, 0.1927,
0.1694

■ 11.9318, 0.1796,
0.1451

■ 9.5956, 0.1694,
0.1230

Harmonies

Analogous

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



55.7918, 0.3099, 0.3273



55.7918, 0.3105, 0.3266



55.7918, 0.3117, 0.3265

Triad

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



55.7918, 0.3105, 0.3266



55.7918, 0.3154, 0.3296



55.7918, 0.3123, 0.3309

Complementary

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



55.7918, 0.3105, 0.3266



56.5127, 0.3149, 0.3314

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.



55.7918, 0.3137, 0.3315



55.7918, 0.3105, 0.3266



55.7918, 0.3156, 0.3307

Square

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



55.7918, 0.3105, 0.3266



55.7918, 0.3145, 0.3283



55.7918, 0.3150, 0.3314



55.7918, 0.3109, 0.3298

Rectangle

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



55.7918, 0.3105, 0.3266



55.7918, 0.3127, 0.3269



55.7918, 0.3150, 0.3314



55.7918, 0.3128, 0.3312

Sweetspot

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



55.7942, 0.3105, 0.3266

100.0000, 0.3127, 0.3290



56.6527, 0.3111, 0.3302



21.4041, 0.3127, 0.3290



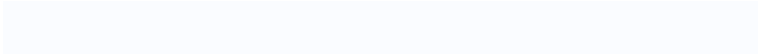
0.0000, 0.0000, 0.0000

Same Dimension

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



55.7942, 0.3105, 0.3266



96.8903, 0.3097, 0.3257



55.4159, 0.3109, 0.3254



12.2343, 0.3099, 0.3260



5.3033, 0.1637, 0.1091



0.3847, 0.1757, 0.1524

Inverse Universe

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



55.6593, 0.3143, 0.3278



96.5715, 0.3149, 0.3274



56.8957, 0.3145, 0.3326



12.1970, 0.3148, 0.3275



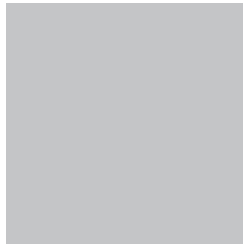
8.0754, 0.5623, 0.2871



0.3959, 0.5028, 0.2543

Previews

White Background



This preview shows how the Yxy color 55.7918, 0.3105, 0.3266 looks on a white background.

Color Contrast Check

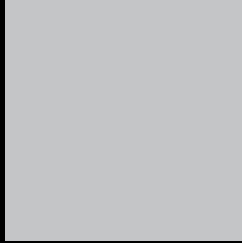
Large Text (above 18pt) WCAG AA × Fail

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 55.7918, 0.3105, 0.3266 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

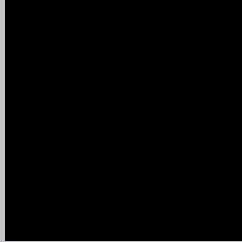
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

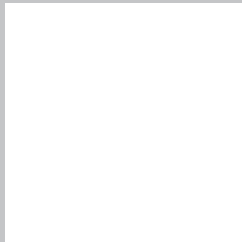
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 55.7918, 0.3105, 0.3266

Background



This preview shows how black text looks on a background with the Yxy color 55.7918, 0.3105, 0.3266.

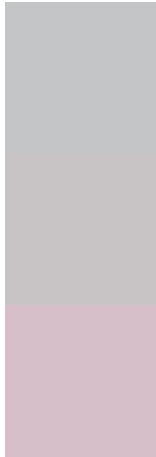


This preview shows how white text looks on a background with the Yxy color 55.7918, 0.3105, 0.3266.

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

55.7918, 0.3105, 0.3266

Protanopia

55.8364, 0.3144, 0.3266

Deuteranopia

55.7279, 0.3246, 0.3186



Tritanopia

55.7391, 0.3034, 0.3100

Trichromacy



Original Color

55.7918, 0.3105, 0.3266

Protanomaly

55.6992, 0.3136, 0.3266

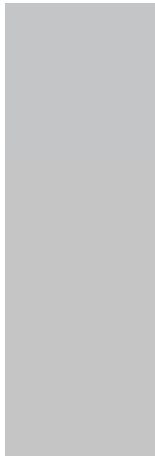
Deuteranomaly

55.5755, 0.3187, 0.3208

Tritanomaly

55.8552, 0.3055, 0.3158

Monochromacy



Original Color

55.7918, 0.3105, 0.3266

Achromatopsia

55.8340, 0.3127, 0.3290

Achromatomaly

55.8800, 0.3120, 0.3278

CSS Examples

Text

The CSS property to change the color of the text to Yxy 55.7918, 0.3105, 0.3266 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(196, 197, 199)` looks like.

```
.text, #text, p{  
    color:rgb(196, 197, 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(196, 197, 199) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(196, 197, 199) }
```

Border

The CSS property to change the border of an element to Yxy 55.7918, 0.3105, 0.3266 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(196, 197, 199) }
```

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

```
.border{ border-color:rgb(196, 197, 199) }
```

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

Here you see how a box with a 4 pixel `rgb(196, 197, 199)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(196, 197, 199); -webkit-box-  
shadow:4px 4px 4px 4px rgb(196, 197, 199);  
box-shadow:4px 4px 4px 4px rgb(196, 197,  
199) }
```

Background

The CSS property to change the background color of an element to Yxy 55.7918, 0.3105, 0.3266 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(196, 197, 199) }
```

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

```
.background{ background-color: rgb(196,  
197, 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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