

Converting Colors

Yxy(58.9032, 0.3094, 0.3310)

Have a look what the booklet for
Yxy(58.9032, 0.3094, 0.3310)
contains.

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Color

Yxy(58.7992, 0.3095, 0.3314)

Conversions

Conversions Part 1

Format	Color
Hex	C5CBC9
RGB	197, 203, 201
RGB Percent	77%, 80%, 79%
CMY	0.2277, 0.2038, 0.2118
CMYK	0.03, 0.00, 0.01, 0.20
HSL	160°, 6%, 78%
HSV	160°, 3%, 80%
XYZ	54.9136, 58.7992, 63.7139
YIQ	200.9780, -2.9340, -1.8940

Conversions

Conversions Part 2

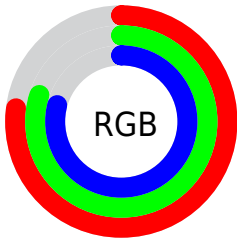
Format	Color
RYB	197, 201, 203
Decimal	12962761
CIELab	81.18, -2.45, 0.27
CIElCh	81, 2.461, 173.713
Yxy	58.7992, 0.3095, 0.3314
Android (android.graphics.Color)	4291152841 (0xFFC5CBC9)
YUV	200.9780, 0.0108, -3.4887
Hunter-Lab	76.6806, -6.3613, 4.4124

Details

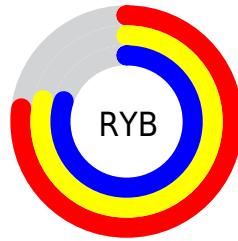
The Yxy color **58.7992, 0.3095, 0.3314** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **56.7287, 0.3160, 0.3266**, and the grayscale version is **58.3922, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.8108, 0.3121, 0.3290**, and **29.4411, 0.3085, 0.3322** is the 20% darker color. If you saturate the color by 10%, you get **55.9335, 0.2989, 0.3400**, and if you desaturate by 10%, it is **62.0529, 0.3203, 0.3237**.

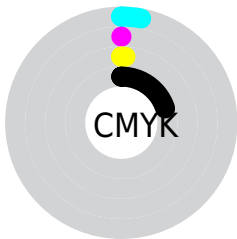
Distribution



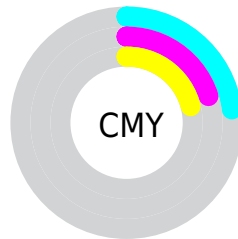
- Red (77%)
- Green (80%)
- Blue (79%)



- Red (77%)
- Yellow (79%)
- Blue (80%)



- Cyan (3%)
- Magenta (0%)
- Yellow (1%)
- Black (20%)



- Cyan (23%)
- Magenta (20%)
- Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 58.7992, 0.3095, 0.3314 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 58.7992, 0.3095, 0.3314 by changing the saturation by 10% instead.

■ 58.7992, 0.3095,
0.3314

■ 58.7992, 0.3095,
0.3314

420.1574, 0.3111,
0.3303

■ 42.4515, 0.3091,
0.3317

103.0858, 0.3101,
0.3310

■ 29.4550, 0.3087,
0.3320

131.7934, 0.3103,
0.3308

■ 19.4253, 0.3081,
0.3325

165.3898, 0.3104,
0.3307

■ 11.9780, 0.3072,
0.3331

204.2594, 0.3106,
0.3306

■ 6.7287, 0.3061,
0.3339

248.7866, 0.3107,
0.3305

■ 3.2930, 0.3043,
0.3353

299.3557, 0.3109,

■ 1.2866, 0.3012,

0.3304

0.3376

356.3512, 0.3110,
0.3303

0.1308, 0.2025,
0.4101

0.0000, 0.0000,
0.0000

58.7992, 0.3095,
0.3314

58.7992, 0.3095,
0.3314

55.9335, 0.2989,
0.3400

62.0529, 0.3203,
0.3237

53.4335, 0.2889,
0.3495

65.7011, 0.3311,
0.3168

51.2858, 0.2795,
0.3599

69.2148, 0.3396,
0.3106

49.4735, 0.2713,
0.3710

69.5821, 0.3346,
0.3039

■ 47.9782, 0.2643,
0.3829

■ 69.9641, 0.3296,
0.2973

■ 46.7796, 0.2591,
0.3952

■ 70.3608, 0.3247,
0.2908

■ 45.8552, 0.2557,
0.4079

■ 70.7725, 0.3198,
0.2845

■ 45.1788, 0.2543,
0.4207

■ 71.1992, 0.3151,
0.2782

■ 44.7191, 0.2549,
0.4334

■ 71.2017, 0.3151,
0.2782

Harmonies

Analogous

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



58.7992, 0.3126, 0.3336



58.7992, 0.3095, 0.3314



58.7992, 0.3073, 0.3286

Triad

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



58.7992, 0.3095, 0.3314



58.7992, 0.3097, 0.3236



58.7992, 0.3190, 0.3321

Complementary

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



58.7992, 0.3095, 0.3314



56.7287, 0.3160, 0.3266

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.



58.7992, 0.3182, 0.3294



58.7992, 0.3095, 0.3314



58.7992, 0.3128, 0.3245

Square

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



58.7992, 0.3095, 0.3314



58.7992, 0.3074, 0.3241



58.7992, 0.3159, 0.3267



58.7992, 0.3181, 0.3340

Rectangle

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



58.7992, 0.3095, 0.3314



58.7992, 0.3066, 0.3267



58.7992, 0.3159, 0.3267



58.7992, 0.3189, 0.3313

Sweetspot

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



58.8017, 0.3095, 0.3314



99.4651, 0.3116, 0.3298



58.8884, 0.3139, 0.3363



21.2953, 0.3117, 0.3298



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.



58.8017, 0.3095, 0.3314



97.9002, 0.3084, 0.3323



58.4205, 0.3081, 0.3278



12.9647, 0.3077, 0.3328



28.3224, 0.2557, 0.4404



1.4748, 0.2489, 0.4159

Inverse Universe

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



56.7287, 0.3160, 0.3266



93.2329, 0.3173, 0.3258



57.0968, 0.3175, 0.3302



12.2488, 0.3180, 0.3252



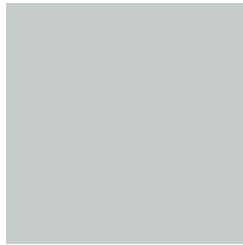
8.3565, 0.5625, 0.2872



0.4451, 0.5068, 0.2566

Previews

White Background



This preview shows how the Yxy color 58.7992, 0.3095, 0.3314 looks on a white background.

Color Contrast Check

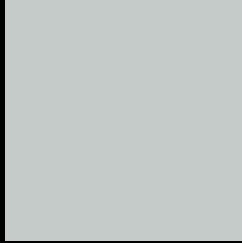
Large Text (above 18pt) WCAG AA × Fail

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 58.7992, 0.3095, 0.3314 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

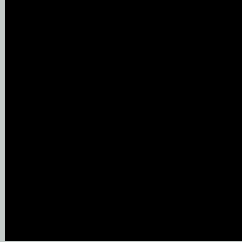
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

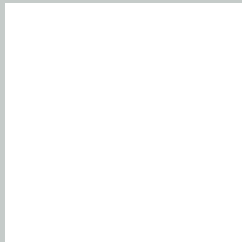
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 58.7992, 0.3095, 0.3314

Background



This preview shows how black text looks on a background with the Yxy color 58.7992, 0.3095, 0.3314.

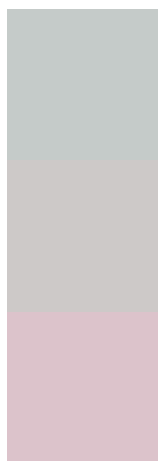


This preview shows how white text looks on a background with the Yxy color 58.7992, 0.3095, 0.3314.

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

58.7992, 0.3095, 0.3314

Protanopia

58.9226, 0.3166, 0.3302

Deuteranopia

58.5577, 0.3268, 0.3200



Tritanopia

58.9252, 0.3000, 0.3103

Trichromacy



Original Color

58.7992, 0.3095, 0.3314

Protanomaly

58.9677, 0.3142, 0.3314

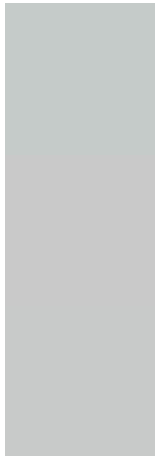
Deuteranomaly

58.6495, 0.3208, 0.3244

Tritanomaly

58.9500, 0.3033, 0.3184

Monochromacy



Original Color

58.7992, 0.3095, 0.3314

Achromatopsia

58.4078, 0.3127, 0.3290

Achromatomaly

58.7375, 0.3119, 0.3302

CSS Examples

Text

The CSS property to change the color of the text to Yxy 58.7992, 0.3095, 0.3314 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(197, 203, 201)` looks like.

```
.text, #text, p{  
    color:rgb(197, 203, 201)  
}
```

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(197, 203, 201) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(197, 203, 201) }
```

Border

The CSS property to change the border of an element to Yxy 58.7992, 0.3095, 0.3314 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(197, 203, 201) }
```

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

```
.border{ border-color:rgb(197, 203, 201) }
```

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

Here you see how a box with a 4 pixel `rgb(197, 203, 201)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(197, 203, 201); -webkit-box-  
shadow:4px 4px 4px 4px rgb(197, 203, 201);  
box-shadow:4px 4px 4px 4px rgb(197, 203,  
201) }
```


Background

The CSS property to change the background color of an element to Yxy 58.7992, 0.3095, 0.3314 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(197, 203, 201) }
```

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

```
.background{ background-color: rgb(197,  
203, 201) }
```

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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