

Converting Colors

Yxy(59.3953, 0.3166, 0.3362)

Have a look what the booklet for
Yxy(59.3953, 0.3166, 0.3362)
contains.

| | |
|---|----|
| Yxy(59.2996, 0.3162, 0.3361) | 3 |
| Conversions | 4 |
| Details | 6 |
| Harmonies | 12 |
| Previews | 24 |
| Color Blindness Simulation | 27 |
| CSS Examples | 30 |

Color

Yxy(59.2996, 0.3162, 0.3361)

Conversions

Conversions Part 1

| Format | Color |
|---------------|---------------------------|
| Hex | CACBC5 |
| RGB | 202, 203, 197 |
| RGB Percent | 79%, 80%, 77% |
| CMY | 0.2079, 0.2039, 0.2273 |
| CMYK | 0.01, 0.00, 0.03, 0.20 |
| HSL | 70°, 5%, 78% |
| HSV | 70°, 3%, 80% |
| XYZ | 55.7886, 59.2996, 61.3462 |
| YIQ | 202.0170, 1.3300, -2.0780 |

Conversions

Conversions Part 2

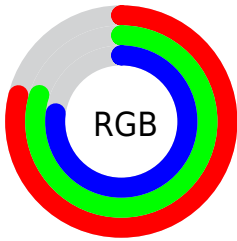
| Format | Color |
|-------------------------------------|--|
| RYB | 197, 203, 198 |
| Decimal | 13290437 |
| CIELab | 81.46, -1.43, 2.84 |
| CIELCh | 81, 3.182, 116.723 |
| Yxy | 59.2996, 0.3162, 0.3361 |
| Android (android.graphics.Color) | 4291480517 (0xFFCACBC5) |
| YUV | 202.0170, -2.4734, -0.0149 |
| Hunter-Lab | 77.0062, -5.4434, 6.6716 |

Details

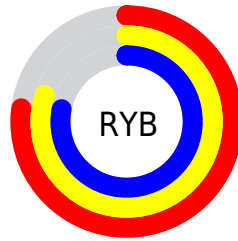
The Yxy color **59.2996, 0.3162, 0.3361** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **56.2730, 0.3092, 0.3218**, and the grayscale version is **59.0892, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.9358, 0.3133, 0.3300**, and **29.7740, 0.3174, 0.3385** is the 20% darker color. If you saturate the color by 10%, you get **57.9489, 0.3282, 0.3611**, and if you desaturate by 10%, it is **60.7919, 0.3045, 0.3125**.

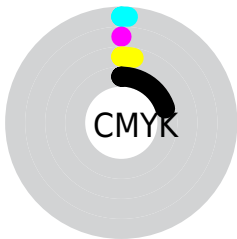
Distribution



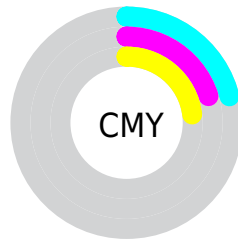
- Red (79%)
- Green (80%)
- Blue (77%)



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



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



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

Brightness & Saturation Gradients

These gradients show how the Yxy color 59.2996, 0.3162, 0.3361 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 59.2996, 0.3162, 0.3361 by changing the saturation by 10% instead.

■ 59.2996, 0.3162,
0.3361

■ 59.2996, 0.3162,
0.3361

422.0113, 0.3145,
0.3327

■ 42.8543, 0.3166,
0.3369

103.8130, 0.3156,
0.3349

■ 29.7708, 0.3171,
0.3379

132.6499, 0.3154,
0.3344

■ 19.6647, 0.3177,
0.3393

166.3861, 0.3152,
0.3340

■ 12.1516, 0.3186,
0.3411

205.4061, 0.3150,
0.3337

■ 6.8470, 0.3198,
0.3436

250.0942, 0.3149,
0.3334

■ 3.3666, 0.3217,
0.3476

300.8349, 0.3148,

■ 1.3260, 0.3249,

0.3331

358.0124, 0.3146,
0.3329

0.3545

0.1612, 0.4232,
0.5768

0.0000, 0.0000,
0.0000

59.2996, 0.3162,
0.3361

59.2996, 0.3162,
0.3361

57.9489, 0.3282,
0.3611

60.7919, 0.3045,
0.3125

56.7272, 0.3404,
0.3870

62.4228, 0.2935,
0.2906

55.6314, 0.3522,
0.4133

64.0092, 0.2849,
0.2734

54.6560, 0.3632,
0.4390

64.5383, 0.2873,
0.2737

■ 53.7946, 0.3729,
0.4631

■ 65.0789, 0.2897,
0.2741

■ 53.0403, 0.3807,
0.4846

■ 65.6310, 0.2922,
0.2745

■ 52.3855, 0.3863,
0.5025

■ 66.1946, 0.2946,
0.2749

■ 51.8213, 0.3893,
0.5161

■ 66.7699, 0.2971,
0.2753

■ 51.3371, 0.3897,
0.5251

■ 67.3569, 0.2996,
0.2757

Harmonies

Analogous

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



59.2996, 0.3194, 0.3356



59.2996, 0.3162, 0.3361



59.2996, 0.3121, 0.3347

Triad

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



59.2996, 0.3162, 0.3361



59.2996, 0.3048, 0.3247



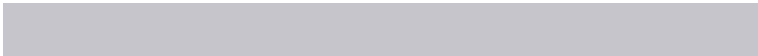
59.2996, 0.3172, 0.3263

Complementary

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



59.2996, 0.3162, 0.3361



56.2730, 0.3092, 0.3218

Split Complementary

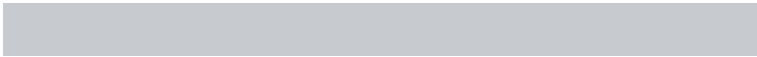
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



59.2996, 0.3133, 0.3234



59.2996, 0.3162, 0.3361



59.2996, 0.3061, 0.3225

Square

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



59.2996, 0.3162, 0.3361



59.2996, 0.3055, 0.3281



59.2996, 0.3092, 0.3220



59.2996, 0.3200, 0.3299

Rectangle

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



59.2996, 0.3162, 0.3361



59.2996, 0.3094, 0.3329



59.2996, 0.3092, 0.3220



59.2996, 0.3160, 0.3252

Sweetspot

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



59.3022, 0.3162, 0.3361



99.7533, 0.3139, 0.3314



57.1309, 0.3174, 0.3302



21.3539, 0.3139, 0.3313



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.



59.3022, 0.3162, 0.3361



99.0273, 0.3175, 0.3388



58.8943, 0.3139, 0.3361



13.1375, 0.3183, 0.3404



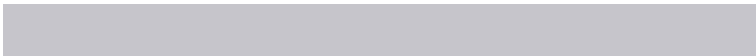
32.5071, 0.3893, 0.5291



1.7035, 0.3955, 0.5241

Inverse Universe

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



56.2730, 0.3092, 0.3218



92.0989, 0.3078, 0.3191



56.6783, 0.3115, 0.3219



12.0748, 0.3070, 0.3174



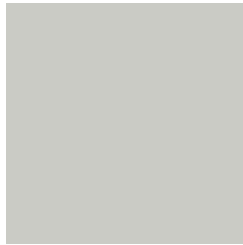
3.0004, 0.1582, 0.0645



0.1842, 0.1755, 0.0740

Previews

White Background



This preview shows how the Yxy color 59.2996, 0.3162, 0.3361 looks on a white background.

Color Contrast Check

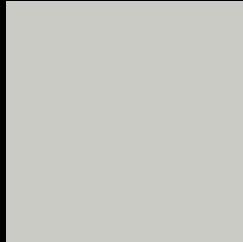
Large Text (above 18pt) WCAG AA × Fail

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 59.2996, 0.3162, 0.3361 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

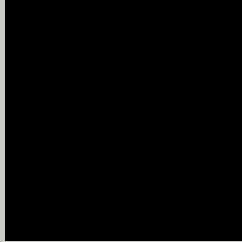
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

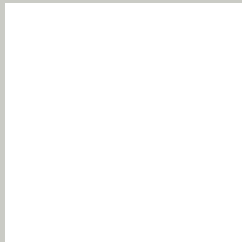
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 59.2996, 0.3162, 0.3361

Background



This preview shows how black text looks on a background with the Yxy color 59.2996, 0.3162, 0.3361.

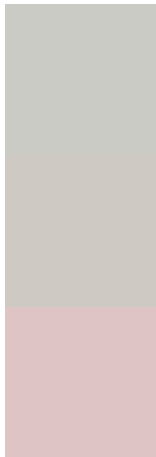


This preview shows how white text looks on a background with the Yxy color 59.2996, 0.3162, 0.3361.

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

59.2996, 0.3162, 0.3361

Protanopia

59.0242, 0.3211, 0.3349

Deuteranopia

59.2450, 0.3330, 0.3268



Tritanopia

59.2456, 0.3052, 0.3105

Trichromacy



Original Color

59.2996, 0.3162, 0.3361

Protanomaly

59.2057, 0.3194, 0.3361

Deuteranomaly

59.3711, 0.3261, 0.3302

Tritanomaly

59.2141, 0.3093, 0.3197

Monochromacy



Original Color

59.2996, 0.3162, 0.3361

Achromatopsia

59.0619, 0.3127, 0.3290

Achromatomaly

58.9677, 0.3142, 0.3314

CSS Examples

Text

The CSS property to change the color of the text to Yxy 59.2996, 0.3162, 0.3361 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(202, 203, 197)` looks like.

```
.text, #text, p{  
    color:rgb(202, 203, 197)  
}
```

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(202, 203, 197) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(202, 203, 197) }
```

Border

The CSS property to change the border of an element to Yxy 59.2996, 0.3162, 0.3361 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(202, 203, 197) }
```

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

```
.border{ border-color:rgb(202, 203, 197) }
```

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

Here you see how a box with a 4 pixel `rgb(202, 203, 197)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(202, 203, 197); -webkit-box-  
shadow:4px 4px 4px 4px rgb(202, 203, 197);  
box-shadow:4px 4px 4px 4px rgb(202, 203,  
197) }
```


Background

The CSS property to change the background color of an element to Yxy 59.2996, 0.3162, 0.3361 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(202, 203, 197) }
```

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

```
.background{ background-color: rgb(202,  
203, 197) }
```

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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