

Converting Colors

Yxy(61.1392, 0.3117, 0.3235)

Have a look what the booklet for
Yxy(61.1392, 0.3117, 0.3235)
contains.

| | |
|--|----|
| Yxy(61.0546, 0.3115, 0.3232) | 3 |
| <i>Conversions</i> | 4 |
| <i>Details</i> | 6 |
| <i>Harmonies</i> | 12 |
| <i>Previews</i> | 24 |
| <i>Color Blindness Simulation</i> | 27 |
| <i>CSS Examples</i> | 30 |

Color

Yxy(61.0546, 0.3115, 0.3232)

Conversions

Conversions Part 1

| Format | Color |
|---------------|---------------------------|
| Hex | CFCCD1 |
| RGB | 207, 204, 209 |
| RGB Percent | 81%, 80%, 82% |
| CMY | 0.1880, 0.2000, 0.1804 |
| CMYK | 0.01, 0.02, 0.00, 0.18 |
| HSL | 277°, 5%, 81% |
| HSV | 277°, 2%, 82% |
| XYZ | 58.8444, 61.0546, 69.0076 |
| YIQ | 205.4670, 0.1830, 2.1910 |

Conversions

Conversions Part 2

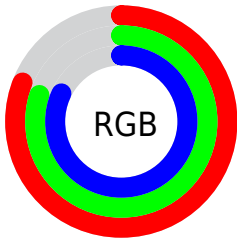
| Format | Color |
|-------------------------------------|-----------------------------|
| R _Y B | 207, 204, 209 |
| Decimal | 13618385 |
| CIE Lab | 82.41, 1.97, -2.13 |
| CIE LCh | 82, 2.900, 312.883 |
| Yxy | 61.0546, 0.3115, 0.3232 |
| Android (android.graphics.Color) | 4291808465 (0xFFCFCCD1) |
| YUV | 205.4670, 1.7418, 1.3444 |
| Hunter-Lab | 78.1374, -2.3143, 2.3339 |

Details

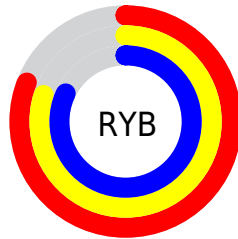
The Yxy color **61.0546, 0.3115, 0.3232** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **63.0765, 0.3139, 0.3348**, and the grayscale version is **61.3576, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **30.9516, 0.3111, 0.3214** is the 20% darker color. If you saturate the color by 10%, you get **50.6370, 0.3058, 0.2979**, and if you desaturate by 10%, it is **72.8711, 0.3162, 0.3466**.

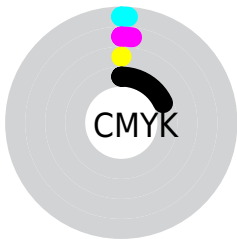
Distribution



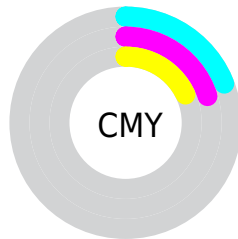
- Red (81%)
- Green (80%)
- Blue (82%)



- Red (81%)
- Yellow (80%)
- Blue (82%)



- Cyan (1%)
- Magenta (2%)
- Yellow (0%)
- Black (18%)



- Cyan (19%)
- Magenta (20%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 61.0546, 0.3115, 0.3232 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 61.0546, 0.3115, 0.3232 by changing the saturation by 10% instead.

■ 61.0546, 0.3115,
0.3232

■ 61.0546, 0.3115,
0.3232

428.4742, 0.3121,
0.3260

■ 44.2692, 0.3114,
0.3225

106.3580, 0.3117,
0.3242

■ 30.8822, 0.3112,
0.3217

135.6448, 0.3118,
0.3246

■ 20.5092, 0.3110,
0.3207

169.8676, 0.3119,
0.3249

■ 12.7657, 0.3106,
0.3193

209.4106, 0.3119,
0.3252

■ 7.2674, 0.3102,
0.3173

254.6584, 0.3120,
0.3254

■ 3.6299, 0.3095,
0.3143

305.9954, 0.3120,

■ 1.4688, 0.3083,

0.3256

0.3092

363.8058, 0.3121,
0.3258

0.2666, 0.2995,
0.2647

0.0000, 0.0000,
0.0000

61.0546, 0.3115,
0.3232

61.0546, 0.3115,
0.3232

50.6370, 0.3058,
0.2979

72.8711, 0.3162,
0.3466

41.5569, 0.2992,
0.2710

86.1293, 0.3202,
0.3680

33.7597, 0.2915,
0.2429

93.1924, 0.3246,
0.3763

27.1841, 0.2828,
0.2145

94.5828, 0.3298,
0.3755

■ 21.7636, 0.2733,
0.1869

■ 96.0370, 0.3352,
0.3748

■ 17.4252, 0.2630,
0.1613

■ 97.3837, 0.3400,
0.3740

■ 14.0874, 0.2525,
0.1390

■ 11.6565, 0.2420,
0.1210

■ 10.0203, 0.2320,
0.1082

Harmonies

Analogous

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



61.0546, 0.3081, 0.3227



61.0546, 0.3115, 0.3232



61.0546, 0.3152, 0.3252

Triad

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



61.0546, 0.3115, 0.3232



61.0546, 0.3195, 0.3342



61.0546, 0.3072, 0.3297

Complementary

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



61.0546, 0.3115, 0.3232



63.0765, 0.3139, 0.3348

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.



61.0546, 0.3102, 0.3328



61.0546, 0.3115, 0.3232



61.0546, 0.3173, 0.3354

Square

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



61.0546, 0.3115, 0.3232



61.0546, 0.3199, 0.3316



61.0546, 0.3139, 0.3349



61.0546, 0.3056, 0.3264

Rectangle

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



61.0546, 0.3115, 0.3232



61.0546, 0.3174, 0.3272



61.0546, 0.3139, 0.3349



61.0546, 0.3080, 0.3308

Sweetspot

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



61.0572, 0.3115, 0.3232



98.1959, 0.3122, 0.3266



61.5802, 0.3091, 0.3255



21.0370, 0.3122, 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.



61.0572, 0.3115, 0.3232



94.6549, 0.3112, 0.3217



61.3157, 0.3133, 0.3238



13.0747, 0.3108, 0.3199



5.7062, 0.2261, 0.1019



0.3642, 0.2434, 0.1115

Inverse Universe

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



61.1903, 0.3152, 0.3268



94.9187, 0.3158, 0.3262



62.8228, 0.3121, 0.3342



13.1204, 0.3166, 0.3255



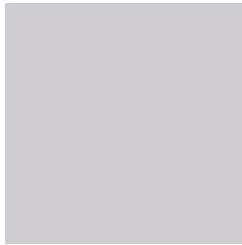
8.7461, 0.5404, 0.2750



0.5044, 0.4912, 0.2479

Previews

White Background



This preview shows how the Yxy color 61.0546, 0.3115, 0.3232 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 61.0546, 0.3115, 0.3232 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

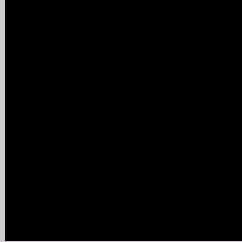
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

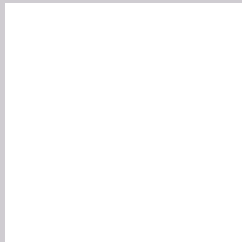
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 61.0546, 0.3115, 0.3232

Background



This preview shows how black text looks on a background with the Yxy color 61.0546, 0.3115, 0.3232.

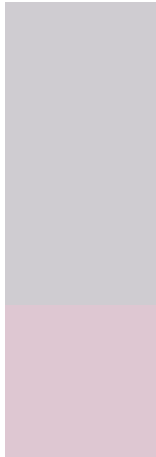


This preview shows how white text looks on a background with the Yxy color 61.0546, 0.3115, 0.3232.

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

61.0546, 0.3115, 0.3232

Protanopia

61.0546, 0.3115, 0.3232

Deuteranopia

61.0296, 0.3227, 0.3167



Tritanopia

61.3291, 0.3067, 0.3119

Trichromacy



Original Color

61.0546, 0.3115, 0.3232

Protanomaly

61.0546, 0.3115, 0.3232

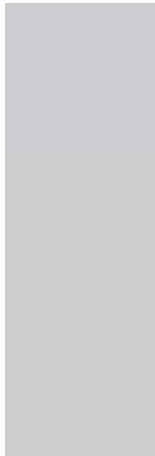
Deuteranomaly

61.1781, 0.3186, 0.3188

Tritanomaly

61.0281, 0.3080, 0.3152

Monochromacy



Original Color

61.0546, 0.3115, 0.3232

Achromatopsia

61.0496, 0.3127, 0.3290

Achromatomaly

61.2407, 0.3128, 0.3278

CSS Examples

Text

The CSS property to change the color of the text to Yxy 61.0546, 0.3115, 0.3232 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(207, 204, 209)` looks like.

```
.text, #text, p{  
    color:rgb(207, 204, 209)  
}
```

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(207, 204, 209) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(207, 204, 209) }
```

Border

The CSS property to change the border of an element to Yxy 61.0546, 0.3115, 0.3232 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(207, 204, 209) }
```

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

```
.border{ border-color:rgb(207, 204, 209) }
```

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

Here you see how a box with a 4 pixel `rgb(207, 204, 209)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(207, 204, 209); -webkit-box-  
shadow:4px 4px 4px 4px rgb(207, 204, 209);  
box-shadow:4px 4px 4px 4px rgb(207, 204,  
209) }
```


Background

The CSS property to change the background color of an element to Yxy 61.0546, 0.3115, 0.3232 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(207, 204, 209) }
```

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

```
.background{ background-color: rgb(207,  
204, 209) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor