

Converting Colors

Yxy(61.0572, 0.3168, 0.3384)

Have a look what the booklet for
Yxy(61.0572, 0.3168, 0.3384)
contains.

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Color

Yxy(61.0572, 0.3168, 0.3384)

Conversions

Conversions Part 1

Format	Color
Hex	CCCEC6
RGB	204, 206, 198
RGB Percent	80%, 81%, 78%
CMY	0.2002, 0.1921, 0.2234
CMYK	0.01, 0.00, 0.04, 0.19
HSL	75°, 8%, 79%
HSV	75°, 4%, 81%
XYZ	57.1599, 61.0572, 62.2119
YIQ	204.4900, 1.3760, -2.9120

Conversions

Conversions Part 2

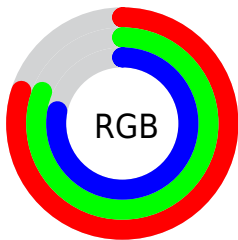
Format	Color
R_{YB}	198, 206, 200
Decimal	13422278
CIE Lab	82.41, -2.14, 3.71
CIE LCh	82, 4.284, 119.938
Yxy	61.0572, 0.3168, 0.3384
Android (android.graphics.Color)	4291612358 (0xFFCCCEC6)
YUV	204.4900, -3.1996, -0.4297
Hunter-Lab	78.1391, -6.1680, 7.4925

Details

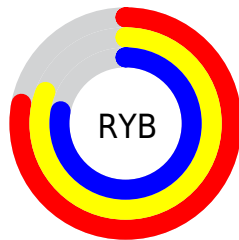
The Yxy color **61.0572, 0.3168, 0.3384** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **57.1459, 0.3085, 0.3195**, and the grayscale version is **60.7286, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **30.9541, 0.3182, 0.3415** is the 20% darker color. If you saturate the color by 10%, you get **59.4372, 0.3275, 0.3637**, and if you desaturate by 10%, it is **62.8372, 0.3064, 0.3147**.

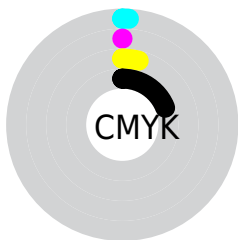
Distribution



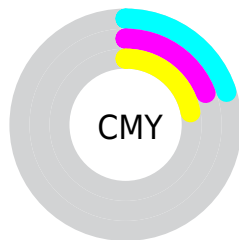
- Red (80%)
- Green (81%)
- Blue (78%)



- Red (78%)
- Yellow (81%)
- Blue (78%)



- Cyan (1%)
- Magenta (0%)
- Yellow (4%)
- Black (19%)



- Cyan (20%)
- Magenta (19%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 61.0572, 0.3168, 0.3384 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 61.0572, 0.3168, 0.3384 by changing the saturation by 10% instead.

■ 61.0572, 0.3168,
0.3384

■ 61.0572, 0.3168,
0.3384

428.4837, 0.3149,
0.3339

■ 44.2713, 0.3173,
0.3395

106.3618, 0.3161,
0.3368

■ 30.8839, 0.3178,
0.3408

135.6492, 0.3159,
0.3362

■ 20.5104, 0.3186,
0.3426

169.8727, 0.3156,
0.3357

■ 12.7666, 0.3196,
0.3449

209.4165, 0.3154,
0.3352

■ 7.2680, 0.3209,
0.3483

254.6652, 0.3153,
0.3348

■ 3.6303, 0.3230,
0.3534

306.0030, 0.3151,

■ 1.4690, 0.3265,

0.3345

0.3622

363.8144, 0.3150,
0.3342

0.2667, 0.4035,
0.5346

0.0000, 0.0000,
0.0000

61.0572, 0.3168,
0.3384

61.0572, 0.3168,
0.3384

59.4372, 0.3275,
0.3637

62.8372, 0.3064,
0.3147

57.9639, 0.3381,
0.3902

64.7746, 0.2964,
0.2928

56.6341, 0.3484,
0.4172

66.5618, 0.2900,
0.2774

55.4417, 0.3578,
0.4440

67.4006, 0.2937,
0.2780

■ 54.3799, 0.3658,
0.4694

■ 68.2657, 0.2974,
0.2785

■ 53.4413, 0.3720,
0.4923

■ 69.1576, 0.3012,
0.2791

■ 52.6177, 0.3758,
0.5116

■ 70.0763, 0.3049,
0.2796

■ 51.8995, 0.3770,
0.5265

■ 71.0221, 0.3087,
0.2802

■ 51.2753, 0.3758,
0.5366

■ 71.9952, 0.3125,
0.2808

Harmonies

Analogous

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



61.0572, 0.3212, 0.3380



61.0572, 0.3168, 0.3384



61.0572, 0.3113, 0.3363

Triad

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



61.0572, 0.3168, 0.3384



61.0572, 0.3022, 0.3228



61.0572, 0.3192, 0.3259

Complementary

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



61.0572, 0.3168, 0.3384



57.1459, 0.3085, 0.3195

Split Complementary

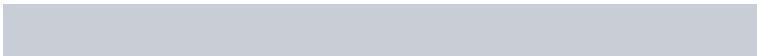
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



61.0572, 0.3141, 0.3219



61.0572, 0.3168, 0.3384



61.0572, 0.3043, 0.3201

Square

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



61.0572, 0.3168, 0.3384



61.0572, 0.3029, 0.3272



61.0572, 0.3086, 0.3198



61.0572, 0.3227, 0.3307

Rectangle

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



61.0572, 0.3168, 0.3384



61.0572, 0.3078, 0.3337



61.0572, 0.3086, 0.3198



61.0572, 0.3176, 0.3244

Sweetspot

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



61.0598, 0.3168, 0.3384



99.7127, 0.3138, 0.3314



58.5207, 0.3189, 0.3314



21.3457, 0.3137, 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.



61.0598, 0.3168, 0.3384



98.5895, 0.3181, 0.3413



60.5103, 0.3138, 0.3385



13.0788, 0.3187, 0.3427



31.4030, 0.3749, 0.5405



1.6551, 0.3840, 0.5333

Inverse Universe

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



57.1459, 0.3085, 0.3195



90.3807, 0.3072, 0.3165



57.6956, 0.3116, 0.3196



11.8695, 0.3066, 0.3151



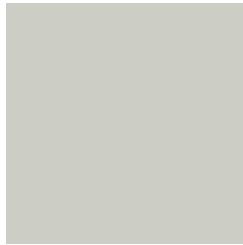
3.2492, 0.1659, 0.0688



0.2050, 0.1870, 0.0804

Previews

White Background



This preview shows how the Yxy color 61.0572, 0.3168, 0.3384 looks on a white background.

Color Contrast Check

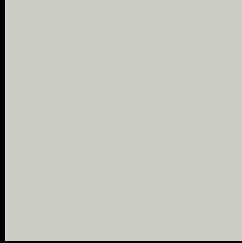
Large Text (above 18pt) WCAG AA × Fail

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 61.0572, 0.3168, 0.3384 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

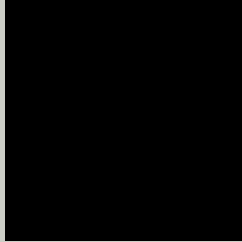
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

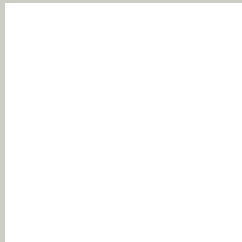
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 61.0572, 0.3168, 0.3384

Background



This preview shows how black text looks on a background with the Yxy color 61.0572, 0.3168, 0.3384.



This preview shows how white text looks on a background with the Yxy color 61.0572, 0.3168, 0.3384.

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

61.0572, 0.3168, 0.3384

Protanopia

60.9186, 0.3224, 0.3372

Deuteranopia

60.8892, 0.3344, 0.3268



Tritanopia

61.0917, 0.3045, 0.3107

Trichromacy



Original Color

61.0572, 0.3168, 0.3384

Protanomaly

61.1038, 0.3207, 0.3384

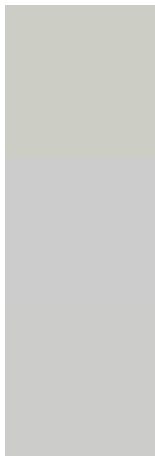
Deuteranomaly

60.9569, 0.3283, 0.3313

Tritanomaly

61.0107, 0.3093, 0.3209

Monochromacy



Original Color

61.0572, 0.3168, 0.3384

Achromatopsia

60.3827, 0.3127, 0.3290

Achromatomaly

60.7643, 0.3141, 0.3325

CSS Examples

Text

The CSS property to change the color of the text to Yxy 61.0572, 0.3168, 0.3384 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(204, 206, 198)` looks like.

```
.text, #text, p{  
    color:rgb(204, 206, 198)  
}
```

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(204, 206, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(204, 206, 198) }
```

Border

The CSS property to change the border of an element to Yxy 61.0572, 0.3168, 0.3384 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(204, 206, 198) }
```

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

```
.border{ border-color:rgb(204, 206, 198) }
```

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

Here you see how a box with a 4 pixel `rgb(204, 206, 198)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(204, 206, 198); -webkit-box-  
shadow:4px 4px 4px 4px rgb(204, 206, 198);  
box-shadow:4px 4px 4px 4px rgb(204, 206,  
198) }
```


Background

The CSS property to change the background color of an element to Yxy 61.0572, 0.3168, 0.3384 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(204, 206, 198) }
```

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

```
.background{ background-color: rgb(204,  
206, 198) }
```

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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