

Converting Colors

Yxy(61.8180, 0.3096, 0.3345)

Have a look what the booklet for
Yxy(61.8180, 0.3096, 0.3345)
contains.

Yxy(61.7507, 0.3095, 0.3337)	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(61.7507, 0.3095, 0.3337)

Conversions

Conversions Part 1

Format	Color
Hex	C8D0CC
RGB	200, 208, 204
RGB Percent	78%, 82%, 80%
CMY	0.2157, 0.1843, 0.2000
CMYK	0.04, 0.00, 0.02, 0.18
HSL	150°, 8%, 80%
HSV	150°, 4%, 82%
XYZ	57.2725, 61.7507, 66.0253
YIQ	205.1520, -3.4840, -2.9400

Conversions

Conversions Part 2

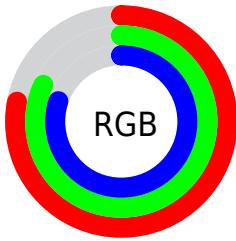
Format	Color
R _Y B	200, 205, 208
Decimal	13160652
CIE Lab	82.78, -3.46, 1.03
CIE LCh	83, 3.611, 163.451
Yxy	61.7507, 0.3095, 0.3337
Android (android.graphics.Color)	4291350732 (0xFFC8D0CC)
YUV	205.1520, -0.5679, -4.5183
Hunter-Lab	78.5816, -7.4219, 5.1909

Details

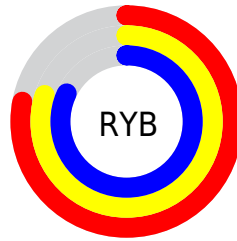
The Yxy color **61.7507, 0.3095, 0.3337** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **59.0763, 0.3161, 0.3243**, and the grayscale version is **61.1581, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **31.4242, 0.3085, 0.3352** is the 20% darker color. If you saturate the color by 10%, you get **58.5988, 0.3012, 0.3469**, and if you desaturate by 10%, it is **65.3309, 0.3179, 0.3219**.

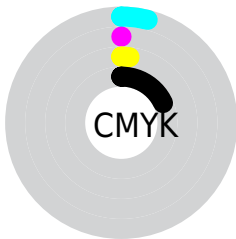
Distribution



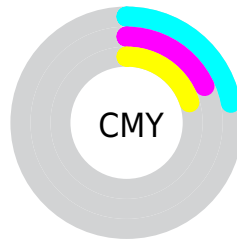
- Red (78%)
- Green (82%)
- Blue (80%)



- Red (78%)
- Yellow (80%)
- Blue (82%)



- Cyan (4%)
- Magenta (0%)
- Yellow (2%)
- Black (18%)



- Cyan (22%)
- Magenta (18%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 61.7507, 0.3095, 0.3337 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 61.7507, 0.3095, 0.3337 by changing the saturation by 10% instead.

■ 61.7507, 0.3095,
0.3337

■ 61.7507, 0.3095,
0.3337

431.0211, 0.3110,
0.3315

■ 44.8313, 0.3091,
0.3342

107.3651, 0.3100,
0.3329

■ 31.3246, 0.3087,
0.3349

136.8290, 0.3103,
0.3326

■ 20.8461, 0.3081,
0.3358

171.2430, 0.3104,
0.3323

■ 13.0116, 0.3073,
0.3369

210.9918, 0.3106,
0.3321

■ 7.4365, 0.3062,
0.3386

256.4596, 0.3107,
0.3319

■ 3.7366, 0.3044,
0.3411

308.0308, 0.3108,

■ 1.5273, 0.3015,

0.3318

366.0898, 0.3109,
0.3316

0.3453

0.3078, 0.2671,
0.3951

0.0000, 0.0000,
0.0000

61.7507, 0.3095,
0.3337

61.7507, 0.3095,
0.3337

58.5988, 0.3012,
0.3469

65.3309, 0.3179,
0.3219

55.8509, 0.2933,
0.3616

69.3468, 0.3261,
0.3115

53.4925, 0.2860,
0.3778

72.3859, 0.3287,
0.3019

51.5048, 0.2795,
0.3953

73.0059, 0.3213,
0.2919

■ 49.8676, 0.2743,
0.4139

■ 73.5953, 0.3149,
0.2831

■ 48.5587, 0.2706,
0.4333

■ 47.5534, 0.2687,
0.4530

■ 46.8228, 0.2688,
0.4724

■ 46.3326, 0.2709,
0.4912

Harmonies

Analogous

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



61.7507, 0.3141, 0.3363



61.7507, 0.3095, 0.3337



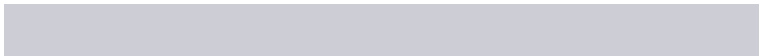
61.7507, 0.3058, 0.3298

Triad

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



61.7507, 0.3095, 0.3337



61.7507, 0.3071, 0.3212



61.7507, 0.3216, 0.3322

Complementary

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



61.7507, 0.3095, 0.3337



59.0763, 0.3161, 0.3243

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.



61.7507, 0.3197, 0.3282



61.7507, 0.3095, 0.3337



61.7507, 0.3113, 0.3218

Square

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



61.7507, 0.3095, 0.3337



61.7507, 0.3044, 0.3226



61.7507, 0.3159, 0.3244



61.7507, 0.3211, 0.3354

Rectangle

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



61.7507, 0.3095, 0.3337



61.7507, 0.3043, 0.3270



61.7507, 0.3159, 0.3244



61.7507, 0.3213, 0.3309

Sweetspot

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



61.7533, 0.3095, 0.3337



99.4377, 0.3119, 0.3302



62.1414, 0.3154, 0.3384



21.2897, 0.3119, 0.3302



0.0000, 0.0000, 0.0000



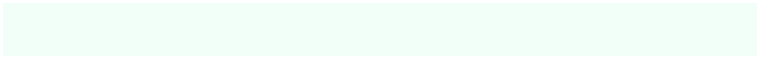
21.4041, 0.3127, 0.3290

Same Dimension

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



61.7533, 0.3095, 0.3337



97.2575, 0.3085, 0.3352



61.9416, 0.3068, 0.3291



13.5715, 0.3080, 0.3360



28.7579, 0.2721, 0.4997



1.6240, 0.2628, 0.4660

Inverse Universe

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



59.0763, 0.3161, 0.3243



91.7296, 0.3172, 0.3229



58.8927, 0.3189, 0.3289



12.7111, 0.3177, 0.3221



9.0009, 0.4944, 0.2497



0.5193, 0.4541, 0.2275

Previews

White Background



This preview shows how the Yxy color 61.7507, 0.3095, 0.3337 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 61.7507, 0.3095, 0.3337 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

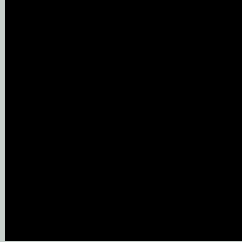
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

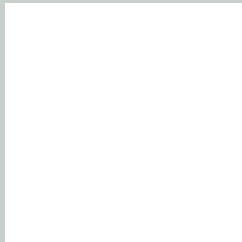
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 61.7507, 0.3095, 0.3337

Background



This preview shows how black text looks on a background with the Yxy color 61.7507, 0.3095, 0.3337.



This preview shows how white text looks on a background with the Yxy color 61.7507, 0.3095, 0.3337.

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

61.7507, 0.3095, 0.3337

Protanopia

61.6285, 0.3187, 0.3325

Deuteranopia

61.4718, 0.3289, 0.3213



Tritanopia

61.6331, 0.2995, 0.3095

Trichromacy



Original Color

61.7507, 0.3095, 0.3337

Protanomaly

61.5762, 0.3148, 0.3325

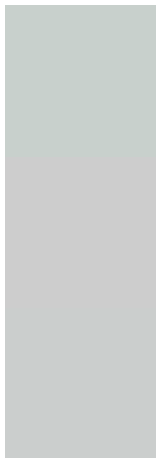
Deuteranomaly

61.4006, 0.3222, 0.3256

Tritanomaly

61.6055, 0.3035, 0.3186

Monochromacy



Original Color

61.7507, 0.3095, 0.3337

Achromatopsia

61.0496, 0.3127, 0.3290

Achromatomaly

61.2469, 0.3111, 0.3302

CSS Examples

Text

The CSS property to change the color of the text to Yxy 61.7507, 0.3095, 0.3337 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(200, 208, 204) looks like.

```
.text, #text, p{  
    color:rgb(200, 208, 204)  
}
```

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(200, 208, 204) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(200, 208, 204) }
```

Border

The CSS property to change the border of an element to Yxy 61.7507, 0.3095, 0.3337 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(200, 208, 204) }
```

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

```
.border{ border-color:rgb(200, 208, 204) }
```

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

Here you see how a box with a 4 pixel `rgb(200, 208, 204)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(200, 208, 204); -webkit-box-  
shadow:4px 4px 4px 4px rgb(200, 208, 204);  
box-shadow:4px 4px 4px 4px rgb(200, 208,  
204) }
```


Background

The CSS property to change the background color of an element to Yxy 61.7507, 0.3095, 0.3337 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(200, 208, 204) }
```

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

```
.background{ background-color: rgb(200,  
208, 204) }
```

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