

Converting Colors

$Yxy(61.4266, 0.3090, 0.3371)$

Have a look what the booklet for
Yxy(61.4266, 0.3090, 0.3371)
contains.

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Color

Yxy(61.2463, 0.3086, 0.3361)

Conversions

Conversions Part 1

Format	Color
Hex	C5D0CA
RGB	197, 208, 202
RGB Percent	77%, 82%, 79%
CMY	0.2276, 0.1843, 0.2078
CMYK	0.05, 0.00, 0.03, 0.18
HSL	147°, 11%, 79%
HSV	147°, 5%, 82%
XYZ	56.2351, 61.2463, 64.7450
YIQ	204.0270, -4.6300, -4.1980

Conversions

Conversions Part 2

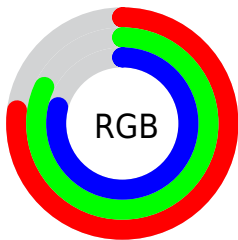
Format	Color
RYB	197, 205, 208
Decimal	12964042
CIELab	82.51, -4.86, 1.66
CIElCh	83, 5.141, 161.106
Yxy	61.2463, 0.3086, 0.3361
Android (android.graphics.Color)	4291154122 (0xFFC5D0CA)
YUV	204.0270, -0.9993, -6.1627
Hunter-Lab	78.2600, -8.6908, 5.7310

Details

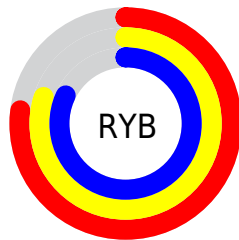
The Yxy color **61.2463, 0.3086, 0.3361** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **57.6340, 0.3170, 0.3220**, and the grayscale version is **60.4080, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.8108, 0.3121, 0.3290**, and **31.0890, 0.3073, 0.3385** is the 20% darker color. If you saturate the color by 10%, you get **58.1176, 0.3010, 0.3507**, and if you desaturate by 10%, it is **64.8068, 0.3163, 0.3231**.

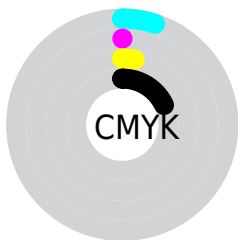
Distribution



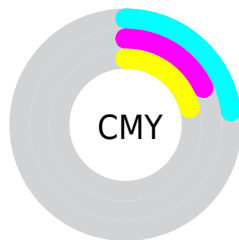
- Red (77%)
- Green (82%)
- Blue (79%)



- Red (77%)
- Yellow (80%)
- Blue (82%)



- Cyan (5%)
- Magenta (0%)
- Yellow (3%)
- Black (18%)



- Cyan (23%)
- Magenta (18%)
- Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 61.2463, 0.3086, 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 61.2463, 0.3086, 0.3361 by changing the saturation by 10% instead.

■ 61.2463, 0.3086,
0.3361

■ 61.2463, 0.3086,
0.3361

429.1765, 0.3106,
0.3327

■ 44.4240, 0.3081,
0.3369

106.6355, 0.3093,
0.3349

■ 31.0040, 0.3075,
0.3379

135.9711, 0.3096,
0.3344

■ 20.6019, 0.3068,
0.3392

170.2466, 0.3098,
0.3340

■ 12.8333, 0.3057,
0.3410

209.8465, 0.3100,
0.3337

■ 7.3138, 0.3043,
0.3436

255.1550, 0.3102,
0.3334

■ 3.6591, 0.3020,
0.3474

306.5565, 0.3103,

■ 1.4848, 0.2982,

0.3331

0.3541

364.4356, 0.3105,
0.3329

0.2780, 0.2386,
0.4559

0.0000, 0.0000,
0.0000

61.2463, 0.3086,
0.3361

61.2463, 0.3086,
0.3361

58.1176, 0.3010,
0.3507

64.8068, 0.3163,
0.3231

55.3961, 0.2936,
0.3669

68.8068, 0.3240,
0.3116

53.0669, 0.2869,
0.3848

72.4275, 0.3283,
0.3013

51.1109, 0.2810,
0.4040

73.1036, 0.3203,
0.2905

■ 49.5073, 0.2763,
0.4245

■ 73.5995, 0.3149,
0.2831

■ 48.2334, 0.2732,
0.4457

■ 47.2637, 0.2719,
0.4670

■ 46.5686, 0.2726,
0.4878

■ 46.1120, 0.2751,
0.5074

Harmonies

Analogous

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



61.2463, 0.3152, 0.3397



61.2463, 0.3086, 0.3361



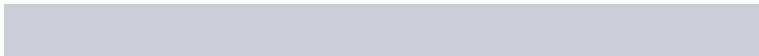
61.2463, 0.3031, 0.3306

Triad

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



61.2463, 0.3086, 0.3361



61.2463, 0.3042, 0.3179



61.2463, 0.3254, 0.3331

Complementary

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



61.2463, 0.3086, 0.3361



57.6340, 0.3170, 0.3220

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.



61.2463, 0.3224, 0.3274



61.2463, 0.3086, 0.3361



61.2463, 0.3101, 0.3186

Square

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



61.2463, 0.3086, 0.3361



61.2463, 0.3006, 0.3201



61.2463, 0.3168, 0.3221



61.2463, 0.3249, 0.3379

Rectangle

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



61.2463, 0.3086, 0.3361



61.2463, 0.3009, 0.3266



61.2463, 0.3168, 0.3221



61.2463, 0.3247, 0.3312

Sweetspot

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



61.2489, 0.3086, 0.3361



98.8687, 0.3111, 0.3317



61.8506, 0.3167, 0.3420



21.1738, 0.3112, 0.3315



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.



61.2489, 0.3086, 0.3361



96.6899, 0.3080, 0.3371



61.5115, 0.3049, 0.3296



13.4972, 0.3076, 0.3379



28.6524, 0.2760, 0.5135



1.6180, 0.2661, 0.4780

Inverse Universe

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



57.6340, 0.3170, 0.3220



90.1808, 0.3177, 0.3210



57.3790, 0.3211, 0.3284



12.5118, 0.3181, 0.3203



9.1178, 0.4767, 0.2400



0.5257, 0.4404, 0.2200

Previews

White Background



This preview shows how the Yxy color 61.2463, 0.3086, 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 61.2463, 0.3086, 0.3361 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

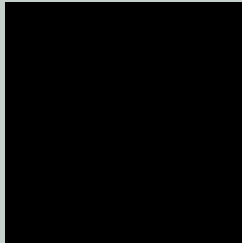
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

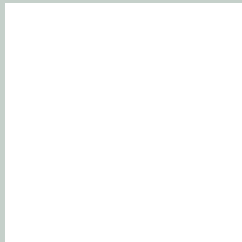
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 61.2463, 0.3086, 0.3361

Background



This preview shows how black text looks on a background with the Yxy color 61.2463, 0.3086, 0.3361.



This preview shows how white text looks on a background with the Yxy color 61.2463, 0.3086, 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

61.2463, 0.3086, 0.3361

Protanopia

61.0575, 0.3202, 0.3337

Deuteranopia

61.2140, 0.3296, 0.3235



Tritanopia

61.1625, 0.2980, 0.3105

Trichromacy



Original Color

61.2463, 0.3086, 0.3361

Protanomaly

60.8588, 0.3156, 0.3337

Deuteranomaly

60.9999, 0.3221, 0.3279

Tritanomaly

61.1398, 0.3020, 0.3196

Monochromacy



Original Color

61.2463, 0.3086, 0.3361

Achromatopsia

60.3827, 0.3127, 0.3290

Achromatomaly

60.3919, 0.3111, 0.3314

CSS Examples

Text

The CSS property to change the color of the text to Yxy 61.2463, 0.3086, 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(197, 208, 202)` looks like.

```
.text, #text, p{  
    color:rgb(197, 208, 202)  
}
```

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, 208, 202) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(197, 208, 202) }
```

Border

The CSS property to change the border of an element to Yxy 61.2463, 0.3086, 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(197, 208, 202) }
```

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

```
.border{ border-color:rgb(197, 208, 202) }
```

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

Here you see how a box with a 4 pixel `rgb(197, 208, 202)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(197, 208, 202); -webkit-box-  
shadow:4px 4px 4px 4px rgb(197, 208, 202);  
box-shadow:4px 4px 4px 4px rgb(197, 208,  
202) }
```


Background

The CSS property to change the background color of an element to Yxy 61.2463, 0.3086, 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(197, 208, 202) }
```

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

```
.background{ background-color: rgb(197,  
208, 202) }
```

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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