

Converting Colors

Yxy(62.4586, 0.3079, 0.3361)

Have a look what the booklet for
Yxy(62.4586, 0.3079, 0.3361)
contains.

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Color

Yxy(62.4586, 0.3079, 0.3361)

Conversions

Conversions Part 1

Format	Color
Hex	C6D2CC
RGB	198, 210, 204
RGB Percent	78%, 82%, 80%
CMY	0.2238, 0.1764, 0.2001
CMYK	0.06, 0.00, 0.03, 0.18
HSL	150°, 12%, 80%
HSV	150°, 6%, 82%
XYZ	57.2181, 62.4586, 66.1567
YIQ	205.7280, -5.2260, -4.4100

Conversions

Conversions Part 2

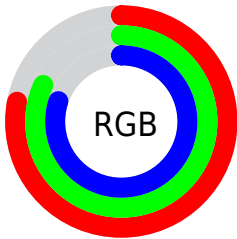
Format	Color
R _Y B	198, 206, 210
Decimal	13030092
CIE Lab	83.16, -5.22, 1.56
CIE LCh	83, 5.445, 163.302
Yxy	62.4586, 0.3079, 0.3361
Android (android.graphics.Color)	4291220172 (0xFFC6D2CC)
YUV	205.7280, -0.8519, -6.7775
Hunter-Lab	79.0308, -9.0702, 5.6898

Details

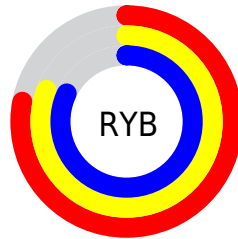
The Yxy color **62.4586, 0.3079, 0.3361** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **58.4181, 0.3178, 0.3220**, and the grayscale version is **61.5405, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **31.9082, 0.3064, 0.3384** is the 20% darker color. If you saturate the color by 10%, you get **59.3173, 0.2997, 0.3496**, and if you desaturate by 10%, it is **66.0348, 0.3163, 0.3241**.

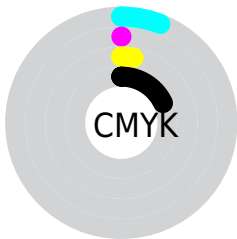
Distribution



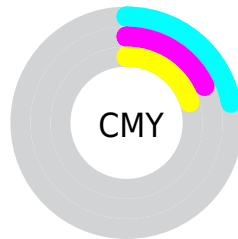
- Red (78%)
- Green (82%)
- Blue (80%)



- Red (78%)
- Yellow (81%)
- Blue (82%)



- Cyan (6%)
- Magenta (0%)
- Yellow (3%)
- Black (18%)



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

Brightness & Saturation Gradients

These gradients show how the Yxy color 62.4586, 0.3079, 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 62.4586, 0.3079, 0.3361 by changing the saturation by 10% instead.

■ 62.4586, 0.3079,
0.3361

■ 62.4586, 0.3079,
0.3361

433.6020, 0.3102,
0.3327

■ 45.4034, 0.3074,
0.3369

108.3881, 0.3087,
0.3349

■ 31.7753, 0.3067,
0.3379

138.0311, 0.3090,
0.3344

■ 21.1899, 0.3058,
0.3392

172.6388, 0.3093,
0.3341

■ 13.2629, 0.3046,
0.3410

212.5956, 0.3095,
0.3337

■ 7.6098, 0.3029,
0.3435

258.2860, 0.3097,
0.3334

■ 3.8463, 0.3004,
0.3472

310.0942, 0.3099,

■ 1.5880, 0.2960,

0.3332

0.3537

368.4047, 0.3101,
0.3329

0.3495, 0.2482,
0.4234

0.0000, 0.0000,
0.0000

62.4586, 0.3079,
0.3361

62.4586, 0.3079,
0.3361

59.3173, 0.2997,
0.3496

66.0348, 0.3163,
0.3241

56.5861, 0.2918,
0.3645

70.0538, 0.3246,
0.3134

54.2496, 0.2846,
0.3809

73.3904, 0.3284,
0.3037

52.2885, 0.2783,
0.3986

74.0161, 0.3210,
0.2936

■ 50.6817, 0.2733,
0.4174

■ 74.5866, 0.3148,
0.2851

■ 49.4060, 0.2700,
0.4369

■ 48.4354, 0.2685,
0.4565

■ 47.7396, 0.2690,
0.4759

■ 47.2814, 0.2714,
0.4944

Harmonies

Analogous

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



62.4586, 0.3148, 0.3401



62.4586, 0.3079, 0.3361



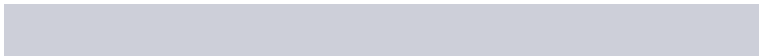
62.4586, 0.3023, 0.3302

Triad

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



62.4586, 0.3079, 0.3361



62.4586, 0.3042, 0.3172



62.4586, 0.3261, 0.3338

Complementary

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



62.4586, 0.3079, 0.3361



58.4181, 0.3178, 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.



62.4586, 0.3232, 0.3277



62.4586, 0.3079, 0.3361



62.4586, 0.3105, 0.3183

Square

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



62.4586, 0.3079, 0.3361



62.4586, 0.3002, 0.3193



62.4586, 0.3175, 0.3221



62.4586, 0.3254, 0.3386

Rectangle

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



62.4586, 0.3079, 0.3361



62.4586, 0.3001, 0.3260



62.4586, 0.3175, 0.3221



62.4586, 0.3255, 0.3318

Sweetspot

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



62.4613, 0.3079, 0.3361



98.8826, 0.3110, 0.3314



63.0145, 0.3166, 0.3432



21.1767, 0.3111, 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.



62.4613, 0.3079, 0.3361



96.2096, 0.3068, 0.3378



62.7568, 0.3038, 0.3290



13.4360, 0.3064, 0.3384



28.7606, 0.2720, 0.4993



1.6241, 0.2627, 0.4657

Inverse Universe

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



58.4181, 0.3178, 0.3220



88.5729, 0.3191, 0.3204



58.1338, 0.3223, 0.3290



12.3029, 0.3195, 0.3198



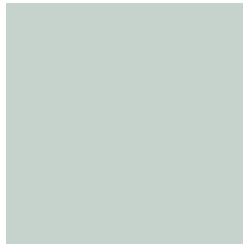
8.9983, 0.4948, 0.2499



0.5191, 0.4544, 0.2277

Previews

White Background



This preview shows how the Yxy color 62.4586, 0.3079, 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 62.4586, 0.3079, 0.3361 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

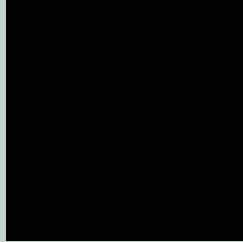
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

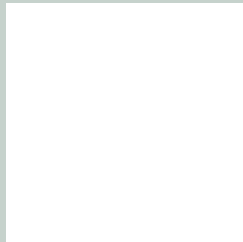
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 62.4586, 0.3079, 0.3361

Background



This preview shows how black text looks on a background with the Yxy color 62.4586, 0.3079, 0.3361.



This preview shows how white text looks on a background with the Yxy color 62.4586, 0.3079, 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

62.4586, 0.3079, 0.3361

Protanopia

62.4039, 0.3201, 0.3336

Deuteranopia

62.0957, 0.3296, 0.3224



Tritanopia

62.3709, 0.2974, 0.3106

Trichromacy



Original Color

62.4586, 0.3079, 0.3361

Protanomaly

62.2028, 0.3155, 0.3336

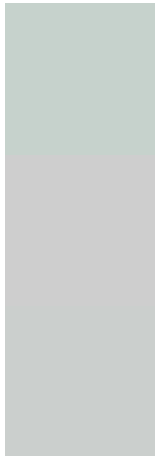
Deuteranomaly

62.1924, 0.3212, 0.3279

Tritanomaly

62.3490, 0.3014, 0.3197

Monochromacy



Original Color

62.4586, 0.3079, 0.3361

Achromatopsia

61.7207, 0.3127, 0.3290

Achromatomaly

61.7299, 0.3111, 0.3313

CSS Examples

Text

The CSS property to change the color of the text to Yxy 62.4586, 0.3079, 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(198, 210, 204)` looks like.

```
.text, #text, p{  
    color:rgb(198, 210, 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(198, 210, 204) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 210, 204) }
```

Border

The CSS property to change the border of an element to Yxy 62.4586, 0.3079, 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(198, 210, 204) }
```

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

```
.border{ border-color:rgb(198, 210, 204) }
```

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

Here you see how a box with a 4 pixel `rgb(198, 210, 204)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(198, 210, 204); -webkit-box-  
shadow:4px 4px 4px 4px rgb(198, 210, 204);  
box-shadow:4px 4px 4px 4px rgb(198, 210,  
204) }
```


Background

The CSS property to change the background color of an element to Yxy 62.4586, 0.3079, 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(198, 210, 204) }
```

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

```
.background{ background-color: rgb(198,  
210, 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](#).

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