

Converting Colors

$Yxy(61.6288, 0.2976, 0.3247)$

Have a look what the booklet for
Yxy(61.6288, 0.2976, 0.3247)
contains.

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Color

Yxy(61.6115, 0.2976, 0.3242)

Conversions

Conversions Part 1

Format	Color
Hex	C0D1D5
RGB	192, 209, 213
RGB Percent	75%, 82%, 84%
CMY	0.2469, 0.1804, 0.1646
CMYK	0.10, 0.02, 0.00, 0.16
HSL	192°, 20%, 79%
HSV	192°, 10%, 84%
XYZ	56.5564, 61.6115, 71.8737
YIQ	204.3730, -11.4160, -2.3600

Conversions

Conversions Part 2

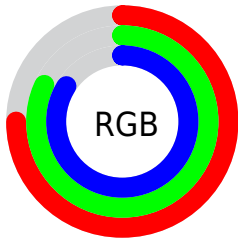
Format	Color
R_{YB}	192, 201, 213
Decimal	12636629
CIE Lab	82.71, -4.91, -3.96
CIE LCh	83, 6.305, 218.876
Yxy	61.6115, 0.2976, 0.3242
Android (android.graphics.Color)	4290826709 (0xFFC0D1D5)
YUV	204.3730, 4.2531, -10.8511
Hunter-Lab	78.4930, -8.7485, 0.6550

Details

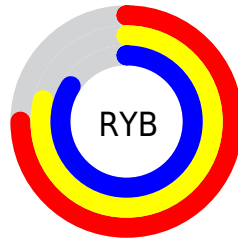
The Yxy color **61.6115, 0.2976, 0.3242** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **57.4613, 0.3294, 0.3338**, and the grayscale version is **60.6147, 0.3127, 0.3290**.

A 20% lighter version of the original color is **98.6965, 0.3084, 0.3290**, and **31.3146, 0.2938, 0.3242** is the 20% darker color. If you saturate the color by 10%, you get **57.0525, 0.2826, 0.3189**, and if you desaturate by 10%, it is **66.6296, 0.3129, 0.3291**.

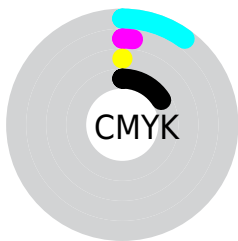
Distribution



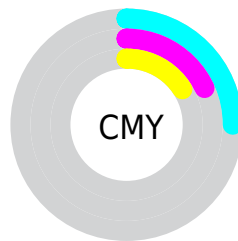
- Red (75%)
- Green (82%)
- Blue (84%)



- Red (75%)
- Yellow (79%)
- Blue (84%)



- Cyan (10%)
- Magenta (2%)
- Yellow (0%)
- Black (16%)



- Cyan (25%)
- Magenta (18%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 61.6115, 0.2976, 0.3242 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 61.6115, 0.2976, 0.3242 by changing the saturation by 10% instead.

■ 61.6115, 0.2976,
0.3242

■ 61.6115, 0.2976,
0.3242

430.5126, 0.3048,
0.3265

■ 44.7189, 0.2959,
0.3236

■ 107.1638, 0.3001,
0.3250

■ 31.2360, 0.2938,
0.3229

136.5923, 0.3011,
0.3254

■ 20.7787, 0.2911,
0.3220

170.9682, 0.3019,
0.3256

■ 12.9623, 0.2875,
0.3207

210.6759, 0.3027,
0.3259

■ 7.4026, 0.2824,
0.3189

256.0998, 0.3033,
0.3261

■ 3.7151, 0.2747,
0.3161

307.6243, 0.3038,

■ 1.5155, 0.2620,

0.3262

365.6337, 0.3043,
0.3264

0.3112

0.2996, 0.1545,
0.2807

0.0000, 0.0000,
0.0000

61.6115, 0.2976,
0.3242

61.6115, 0.2976,
0.3242

57.0525, 0.2826,
0.3189

66.6296, 0.3129,
0.3291

52.9271, 0.2682,
0.3131

72.1155, 0.3283,
0.3335

49.2192, 0.2547,
0.3069

77.9091, 0.3429,
0.3374

45.9084, 0.2424,
0.3004

80.0955, 0.3422,
0.3415

■ 42.9724, 0.2317,
0.2936

■ 82.3348, 0.3416,
0.3455

■ 40.3865, 0.2228,
0.2867

■ 84.6273, 0.3409,
0.3495

■ 38.1226, 0.2158,
0.2797

■ 86.9734, 0.3402,
0.3535

■ 36.1472, 0.2107,
0.2727

■ 89.3734, 0.3396,
0.3575

■ 34.4015, 0.2072,
0.2658

■ 91.8277, 0.3390,
0.3614

Harmonies

Analogous

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



61.6115, 0.3014, 0.3315



61.6115, 0.2976, 0.3242



61.6115, 0.2978, 0.3184

Triad

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



61.6115, 0.2976, 0.3242



61.6115, 0.3171, 0.3202



61.6115, 0.3235, 0.3428

Complementary

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



61.6115, 0.2976, 0.3242



57.4613, 0.3294, 0.3338

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.



61.6115, 0.3279, 0.3395



61.6115, 0.2976, 0.3242



61.6115, 0.3241, 0.3265

Square

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



61.6115, 0.2976, 0.3242



61.6115, 0.3090, 0.3162



61.6115, 0.3281, 0.3335



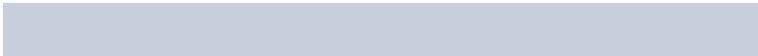
61.6115, 0.3163, 0.3423

Rectangle

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



61.6115, 0.2976, 0.3242



61.6115, 0.3001, 0.3161



61.6115, 0.3281, 0.3335



61.6115, 0.3254, 0.3420

Sweetspot

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



61.6141, 0.2976, 0.3242



97.6455, 0.3080, 0.3276



62.7887, 0.3089, 0.3495



20.7678, 0.3068, 0.3272



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.



61.6141, 0.2976, 0.3242



90.9647, 0.2941, 0.3230



56.7145, 0.2975, 0.3118



13.6843, 0.2983, 0.3244



21.1376, 0.2074, 0.2667



1.3813, 0.2107, 0.2787

Inverse Universe

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



56.4655, 0.3169, 0.3095



81.6344, 0.3179, 0.3049



62.2786, 0.3281, 0.3456



12.5900, 0.3167, 0.3104



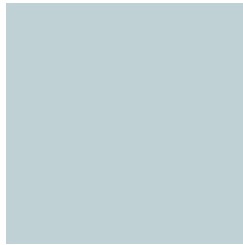
10.4787, 0.3759, 0.1844



0.6428, 0.3647, 0.1783

Previews

White Background



This preview shows how the Yxy color 61.6115, 0.2976, 0.3242 looks on a white background.

Color Contrast Check

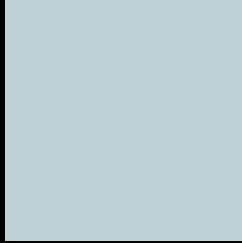
Large Text (above 18pt) WCAG AA × Fail

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 61.6115, 0.2976, 0.3242 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

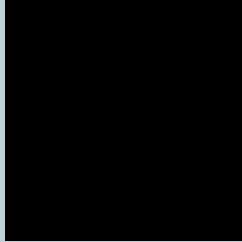
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

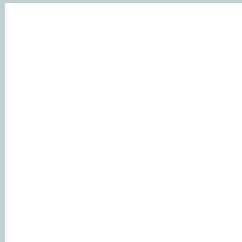
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 61.6115, 0.2976, 0.3242

Background



This preview shows how black text looks on a background with the Yxy color 61.6115, 0.2976, 0.3242.



This preview shows how white text looks on a background with the Yxy color 61.6115, 0.2976, 0.3242.

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

61.6115, 0.2976, 0.3242

Protanopia

61.7257, 0.3115, 0.3232

Deuteranopia

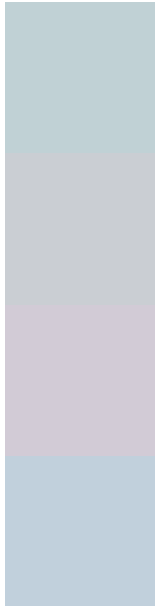
61.1253, 0.3182, 0.3112



Tritanopia

61.4768, 0.2918, 0.3092

Trichromacy



Original Color

61.6115, 0.2976, 0.3242

Protanomaly

61.4023, 0.3062, 0.3232

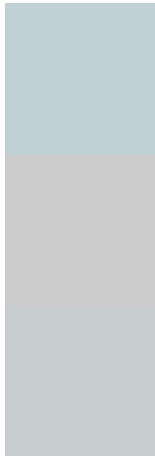
Deuteranomaly

61.2685, 0.3103, 0.3164

Tritanomaly

61.6165, 0.2937, 0.3149

Monochromacy



Original Color

61.6115, 0.2976, 0.3242

Achromatopsia

60.3827, 0.3127, 0.3290

Achromatomaly

60.9270, 0.3075, 0.3278

CSS Examples

Text

The CSS property to change the color of the text to Yxy 61.6115, 0.2976, 0.3242 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(192, 209, 213)` looks like.

```
.text, #text, p{  
    color:rgb(192, 209, 213)  
}
```

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(192, 209, 213) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(192, 209, 213) }
```

Border

The CSS property to change the border of an element to Yxy 61.6115, 0.2976, 0.3242 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(192, 209, 213) }
```

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

```
.border{ border-color:rgb(192, 209, 213) }
```

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

Here you see how a box with a 4 pixel `rgb(192, 209, 213)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(192, 209, 213); -webkit-box-  
shadow:4px 4px 4px 4px rgb(192, 209, 213);  
box-shadow:4px 4px 4px 4px rgb(192, 209,  
213) }
```


Background

The CSS property to change the background color of an element to Yxy 61.6115, 0.2976, 0.3242 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(192, 209, 213) }
```

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

```
.background{ background-color: rgb(192,  
209, 213) }
```

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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