

Converting Colors

$Yxy(60.8650, 0.2929, 0.3265)$

Have a look what the booklet for
Yxy(60.8650, 0.2929, 0.3265)
contains.

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Color

Yxy(61.0370, 0.2926, 0.3265)

Conversions

Conversions Part 1

Format	Color
Hex	B8D2D4
RGB	184, 210, 212
RGB Percent	72%, 82%, 83%
CMY	0.2784, 0.1765, 0.1685
CMYK	0.13, 0.01, 0.00, 0.17
HSL	184°, 25%, 78%
HSV	184°, 13%, 83%
XYZ	54.6996, 61.0370, 71.2067
YIQ	202.4540, -16.1380, -4.8900

Conversions

Conversions Part 2

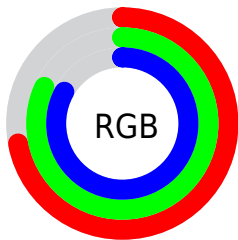
Format	Color
RYB	184, 197, 212
Decimal	12112596
CIELab	82.40, -8.24, -3.95
CIELCh	82, 9.133, 205.609
Yxy	61.0370, 0.2926, 0.3265
Android (android.graphics.Color)	4290302676 (0xFFB8D2D4)
YUV	202.4540, 4.7062, -16.1842
Hunter-Lab	78.1262, -11.7450, 0.6495

Details

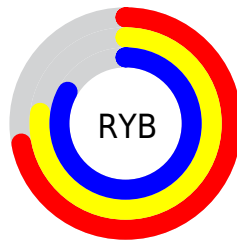
The Yxy color **61.0370, 0.2926, 0.3265** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **52.5916, 0.3364, 0.3315**, and the grayscale version is **59.3406, 0.3127, 0.3290**.

A 20% lighter version of the original color is **97.2653, 0.3035, 0.3290**, and **31.0365, 0.2883, 0.3273** is the 20% darker color. If you saturate the color by 10%, you get **57.8597, 0.2782, 0.3244**, and if you desaturate by 10%, it is **64.6191, 0.3077, 0.3284**.

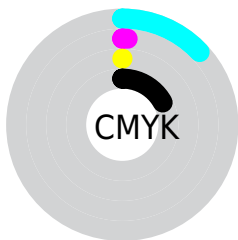
Distribution



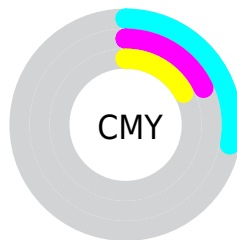
- Red (72%)
- Green (82%)
- Blue (83%)



- Red (72%)
- Yellow (77%)
- Blue (83%)



- Cyan (13%)
- Magenta (1%)
- Yellow (0%)
- Black (17%)





- Cyan (28%)
- Magenta (18%)
- Yellow (17%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 61.0370, 0.2926, 0.3265 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 61.0370, 0.2926, 0.3265 by changing the saturation by 10% instead.


 61.0370, 0.2926,
0.3265

 61.0370, 0.2926,
0.3265

428.4097, 0.3022,
0.3278

 44.2550, 0.2904,
0.3262


 106.3325, 0.2960,
0.3270

 30.8711, 0.2875,
0.3258


135.6148, 0.2973,
0.3271

 20.5007, 0.2839,
0.3252


169.8327, 0.2984,
0.3273

 12.7595, 0.2791,
0.3244

209.3706, 0.2993,
0.3274

 7.2632, 0.2723,
0.3233

254.6128, 0.3002,
0.3275

 3.6272, 0.2621,
0.3214

305.9438, 0.3009,

 1.4673, 0.2452,

0.3276

0.3179

363.7480, 0.3016,
0.3277

0.2655, 0.0582,
0.3011

0.0000, 0.0000,
0.0000

61.0370, 0.2926,
0.3265

61.0370, 0.2926,
0.3265

57.8597, 0.2782,
0.3244

64.6191, 0.3077,
0.3284

55.0621, 0.2649,
0.3222

68.6148, 0.3233,
0.3302

52.6281, 0.2529,
0.3199

73.0420, 0.3391,
0.3317

50.5374, 0.2426,
0.3175

75.2013, 0.3444,
0.3333

■ 48.7675, 0.2340,
0.3150

■ 75.9926, 0.3442,
0.3348

■ 47.2934, 0.2273,
0.3125

■ 76.7912, 0.3439,
0.3364

■ 46.0861, 0.2226,
0.3101

■ 77.5972, 0.3437,
0.3379

■ 45.1107, 0.2196,
0.3076

■ 78.4107, 0.3434,
0.3394

■ 44.5411, 0.2183,
0.3060

■ 79.2316, 0.3431,
0.3410

Harmonies

Analogous

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



61.0370, 0.3003, 0.3372



61.0370, 0.2926, 0.3265



61.0370, 0.2902, 0.3168

Triad

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



61.0370, 0.2926, 0.3265



61.0370, 0.3138, 0.3132



61.0370, 0.3319, 0.3475

Complementary

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



61.0370, 0.2926, 0.3265



52.5916, 0.3364, 0.3315

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.



61.0370, 0.3357, 0.3406



61.0370, 0.2926, 0.3265



61.0370, 0.3252, 0.3210

Square

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



61.0370, 0.2926, 0.3265



61.0370, 0.3023, 0.3094



61.0370, 0.3333, 0.3310



61.0370, 0.3229, 0.3494

Rectangle

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



61.0370, 0.2926, 0.3265



61.0370, 0.2920, 0.3122



61.0370, 0.3333, 0.3310



61.0370, 0.3338, 0.3457

Sweetspot

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



61.0395, 0.2926, 0.3265



97.6461, 0.3065, 0.3283



60.8329, 0.3098, 0.3613



20.8080, 0.3053, 0.3281



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.



61.0395, 0.2926, 0.3265



91.1954, 0.2883, 0.3259



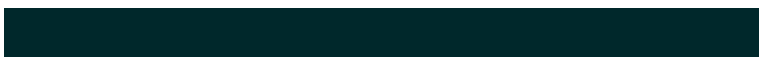
54.4906, 0.2921, 0.3095



13.9467, 0.2983, 0.3272



27.5511, 0.2184, 0.3064



1.7088, 0.2196, 0.3105

Inverse Universe

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



52.9347, 0.3158, 0.2989



76.4856, 0.3166, 0.2920



58.7173, 0.3342, 0.3477



12.6165, 0.3149, 0.3077



11.1261, 0.3399, 0.1646



0.6758, 0.3362, 0.1626

Previews

White Background



This preview shows how the Yxy color 61.0370, 0.2926, 0.3265 looks on a white background.

Color Contrast Check

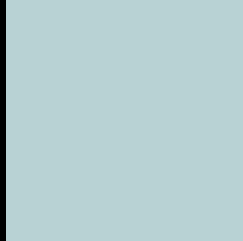
Large Text (above 18pt) WCAG AA × Fail

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 61.0370, 0.2926, 0.3265 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

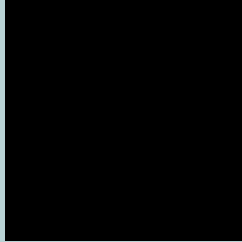
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

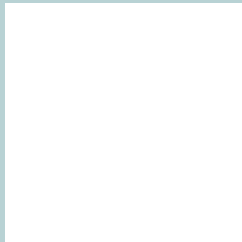
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 61.0370, 0.2926, 0.3265

Background



This preview shows how black text looks on a background with the Yxy color 61.0370, 0.2926, 0.3265.



This preview shows how white text looks on a background with the Yxy color 61.0370, 0.2926, 0.3265.

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

61.0370, 0.2926, 0.3265

Protanopia

61.0052, 0.3122, 0.3244

Deuteranopia

60.9175, 0.3182, 0.3122



Tritanopia

60.9871, 0.2857, 0.3089

Trichromacy



Original Color

61.0370, 0.2926, 0.3265

Protanomaly

60.8882, 0.3054, 0.3255

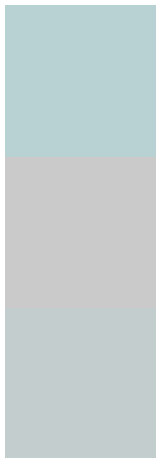
Deuteranomaly

60.7814, 0.3087, 0.3175

Tritanomaly

61.0825, 0.2882, 0.3159

Monochromacy



Original Color

61.0370, 0.2926, 0.3265

Achromatopsia

59.0619, 0.3127, 0.3290

Achromatomaly

59.7210, 0.3045, 0.3278

CSS Examples

Text

The CSS property to change the color of the text to Yxy 61.0370, 0.2926, 0.3265 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(184, 210, 212)` looks like.

```
.text, #text, p{  
    color:rgb(184, 210, 212)  
}
```

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(184, 210, 212) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(184, 210, 212) }
```

Border

The CSS property to change the border of an element to Yxy 61.0370, 0.2926, 0.3265 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(184, 210, 212) }
```

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

```
.border{ border-color:rgb(184, 210, 212) }
```

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

Here you see how a box with a 4 pixel `rgb(184, 210, 212)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(184, 210, 212); -webkit-box-  
shadow:4px 4px 4px 4px rgb(184, 210, 212);  
box-shadow:4px 4px 4px 4px rgb(184, 210,  
212) }
```


Background

The CSS property to change the background color of an element to Yxy 61.0370, 0.2926, 0.3265 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(184, 210, 212) }
```

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

```
.background{ background-color: rgb(184,  
210, 212) }
```

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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