

Converting Colors

$Yxy(60.6763, 0.2926, 0.3296)$

Have a look what the booklet for
Yxy(60.6763, 0.2926, 0.3296)
contains.

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Color

Yxy(60.6914, 0.2925, 0.3289)

Conversions

Conversions Part 1

Format	Color
Hex	B6D2D2
RGB	182, 210, 210
RGB Percent	71%, 82%, 82%
CMY	0.2863, 0.1765, 0.1763
CMYK	0.13, 0.00, 0.00, 0.18
HSL	180°, 24%, 77%
HSV	180°, 13%, 82%
XYZ	53.9746, 60.6914, 69.8625
YIQ	201.6280, -16.6880, -5.9360

Conversions

Conversions Part 2

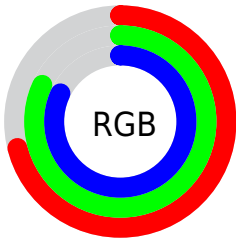
Format	Color
RYB	182, 196, 210
Decimal	11981522
CIELab	82.21, -9.28, -3.17
CIElCh	82, 9.805, 198.855
Yxy	60.6914, 0.2925, 0.3289
Android (android.graphics.Color)	4290171602 (0xFFB6D2D2)
YUV	201.6280, 4.1274, -17.2138
Hunter-Lab	77.9047, -12.6634, 1.3639

Details

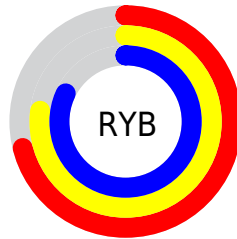
The Yxy color **60.6914, 0.2925, 0.3289** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **50.5551, 0.3370, 0.3291**, and the grayscale version is **58.8034, 0.3127, 0.3290**.

A 20% lighter version of the original color is **96.9171, 0.3023, 0.3290**, and **30.8444, 0.2873, 0.3289** is the 20% darker color. If you saturate the color by 10%, you get **58.3138, 0.2784, 0.3288**, and if you desaturate by 10%, it is **63.4575, 0.3075, 0.3290**.

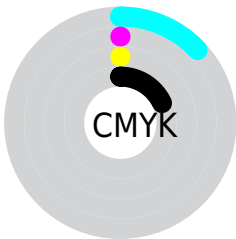
Distribution



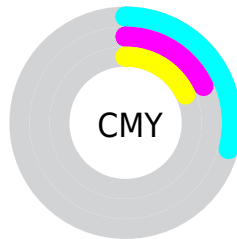
- Red (71%)
- Green (82%)
- Blue (82%)



- Red (71%)
- Yellow (77%)
- Blue (82%)



- Cyan (13%)
- Magenta (0%)
- Yellow (0%)
- Black (18%)





- Cyan (29%)
- Magenta (18%)
- Yellow (18%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 60.6914, 0.2925, 0.3289 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 60.6914, 0.2925, 0.3289 by changing the saturation by 10% instead.


 60.6914, 0.2925,
0.3289

 60.6914, 0.2925,
0.3289


427.1416, 0.3021,
0.3290

 43.9762, 0.2902,
0.3289

 105.8320, 0.2959,
0.3290

 30.6518, 0.2874,
0.3288


135.0261, 0.2972,
0.3290

 20.3338, 0.2837,
0.3287


169.1487, 0.2983,
0.3290

 12.6379, 0.2789,
0.3285


208.5840, 0.2993,
0.3290

 7.1797, 0.2720,
0.3282

253.7166, 0.3001,
0.3290

 3.5747, 0.2617,
0.3276

304.9308, 0.3009,

 1.4386, 0.2444,

0.3290

0.3263

362.6110, 0.3015,
0.3290

0.2449, 0.0085,
0.3312

0.0000, 0.0000,
0.0000

60.6914, 0.2925,
0.3289

60.6914, 0.2925,
0.3289

58.3138, 0.2784,
0.3288

63.4575, 0.3075,
0.3290

56.3003, 0.2656,
0.3288

66.6206, 0.3232,
0.3290

54.6349, 0.2543,
0.3287


70.1983, 0.3393,
0.3291

53.2979, 0.2448,
0.3286


72.0547, 0.3469,
0.3292

 52.2674, 0.2371,
0.3286

 72.0663, 0.3469,
0.3292


 51.5188, 0.2313,
0.3285

 72.0779, 0.3469,
0.3292


 51.0238, 0.2275,
0.3285

 72.0896, 0.3469,
0.3292

 50.7484, 0.2253,
0.3284

 72.1012, 0.3469,
0.3293

 50.6474, 0.2246,
0.3284

 72.1129, 0.3469,
0.3293

Harmonies

Analogous

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



60.6914, 0.3018, 0.3402



60.6914, 0.2925, 0.3289



60.6914, 0.2886, 0.3179

Triad

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



60.6914, 0.2925, 0.3289



60.6914, 0.3110, 0.3106



60.6914, 0.3348, 0.3476

Complementary

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



60.6914, 0.2925, 0.3289



50.5551, 0.3370, 0.3291

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.



60.6914, 0.3375, 0.3393



60.6914, 0.2925, 0.3289



60.6914, 0.3235, 0.3182

Square

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



60.6914, 0.2925, 0.3289



60.6914, 0.2991, 0.3077



60.6914, 0.3333, 0.3286



60.6914, 0.3262, 0.3510

Rectangle

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



60.6914, 0.2925, 0.3289



60.6914, 0.2895, 0.3123



60.6914, 0.3333, 0.3286



60.6914, 0.3365, 0.3453

Sweetspot

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



60.6939, 0.2925, 0.3289



98.1092, 0.3065, 0.3290



59.4324, 0.3111, 0.3640



20.9257, 0.3053, 0.3290



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.



60.6939, 0.2925, 0.3289



93.0371, 0.2884, 0.3289



54.0889, 0.2920, 0.3117



13.4047, 0.2983, 0.3289



30.8847, 0.2246, 0.3284



1.7276, 0.2246, 0.3285

Inverse Universe

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



51.8178, 0.3143, 0.2964



76.6715, 0.3146, 0.2893



56.5723, 0.3347, 0.3457



12.0088, 0.3138, 0.3061



11.1891, 0.3212, 0.1543



0.6257, 0.3211, 0.1543

Previews

White Background



This preview shows how the Yxy color 60.6914, 0.2925, 0.3289 looks on a white background.

Color Contrast Check

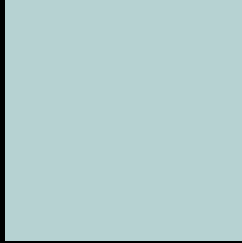
Large Text (above 18pt) WCAG AA × Fail

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 60.6914, 0.2925, 0.3289 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

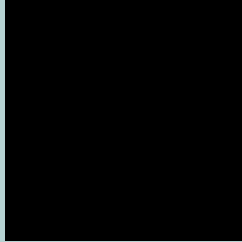
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

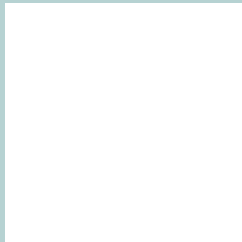
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 60.6914, 0.2925, 0.3289

Background



This preview shows how black text looks on a background with the Yxy color 60.6914, 0.2925, 0.3289.

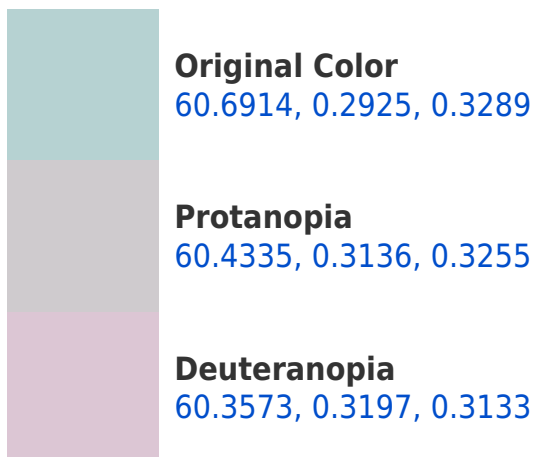


This preview shows how white text looks on a background with the Yxy color 60.6914, 0.2925, 0.3289.

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





Tritanopia

60.8079, 0.2856, 0.3100

Trichromacy



Original Color

60.6914, 0.2925, 0.3289

Protanomaly

60.6534, 0.3060, 0.3278

Deuteranomaly

60.0660, 0.3094, 0.3186

Tritanomaly

60.9057, 0.2881, 0.3170

Monochromacy



Original Color

60.6914, 0.2925, 0.3289

Achromatopsia

59.0619, 0.3127, 0.3290

Achromatomaly

59.6725, 0.3052, 0.3290

CSS Examples

Text

The CSS property to change the color of the text to Yxy 60.6914, 0.2925, 0.3289 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(182, 210, 210)` looks like.

```
.text, #text, p{  
    color:rgb(182, 210, 210)  
}
```

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(182, 210, 210) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(182, 210, 210) }
```

Border

The CSS property to change the border of an element to Yxy 60.6914, 0.2925, 0.3289 is called "border". The border property can be set on classes, ids or directly on the HTML element.

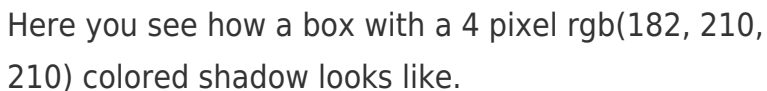
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(182, 210, 210) }
```

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

```
.border{ border-color:rgb(182, 210, 210) }
```

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



Here you see how a box with a 4 pixel `rgb(182, 210, 210)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(182, 210, 210); -webkit-box-  
shadow:4px 4px 4px 4px rgb(182, 210, 210);  
box-shadow:4px 4px 4px 4px rgb(182, 210,  
210) }
```


Background

The CSS property to change the background color of an element to Yxy 60.6914, 0.2925, 0.3289 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(182, 210, 210) }
```

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

```
.background{ background-color: rgb(182,  
210, 210) }
```

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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