

Converting Colors

$Yxy(60.5684, 0.2946, 0.3277)$

Have a look what the booklet for
Yxy(60.5684, 0.2946, 0.3277)
contains.

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Color

Yxy(60.5684, 0.2946, 0.3277)

Conversions

Conversions Part 1

Format	Color
Hex	B9D1D2
RGB	185, 209, 210
RGB Percent	73%, 82%, 82%
CMY	0.2743, 0.1804, 0.1764
CMYK	0.12, 0.00, 0.00, 0.18
HSL	182°, 22%, 77%
HSV	182°, 12%, 82%
XYZ	54.4506, 60.5684, 69.8098
YIQ	201.9380, -14.6250, -4.7770

Conversions

Conversions Part 2

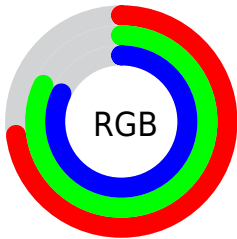
Format	Color
RYB	185, 197, 210
Decimal	12177874
CIELab	82.15, -7.78, -3.24
CIELCh	82, 8.427, 202.611
Yxy	60.5684, 0.2946, 0.3277
Android (android.graphics.Color)	4290367954 (0xFFB9D1D2)
YUV	201.9380, 3.9746, -14.8546
Hunter-Lab	77.8257, -11.3079, 1.2947

Details

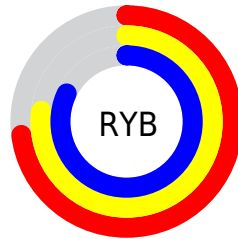
The Yxy color $60.5684, 0.2946, 0.3277$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $52.3599, 0.3338, 0.3303$, and the grayscale version is $59.0099, 0.3127, 0.3290$.

A 20% lighter version of the original color is $97.4408, 0.3041, 0.3290$, and $30.7485, 0.2900, 0.3273$ is the 20% darker color. If you saturate the color by 10%, you get $57.7227, 0.2802, 0.3265$, and if you desaturate by 10%, it is $63.8073, 0.3098, 0.3288$.

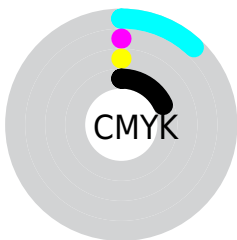
Distribution



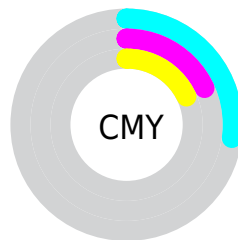
- Red (73%)
- Green (82%)
- Blue (82%)



- Red (73%)
- Yellow (77%)
- Blue (82%)



- Cyan (12%)
- Magenta (0%)
- Yellow (0%)
- Black (18%)



- Cyan (27%)
- Magenta (18%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 60.5684, 0.2946, 0.3277 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 60.5684, 0.2946, 0.3277 by changing the saturation by 10% instead.

■ 60.5684, 0.2946,
0.3277

■ 60.5684, 0.2946,
0.3277

426.6897, 0.3032,
0.3284

■ 43.8769, 0.2926,
0.3275

■ 105.6538, 0.2976,
0.3280

■ 30.5738, 0.2900,
0.3273

134.8165, 0.2988,
0.3281

■ 20.2745, 0.2867,
0.3270

168.9050, 0.2998,
0.3281

■ 12.5947, 0.2823,
0.3265

208.3039, 0.3007,
0.3282

■ 7.1501, 0.2762,
0.3258

253.3973, 0.3014,
0.3283

■ 3.5561, 0.2669,
0.3247

304.5699, 0.3021,

■ 1.4285, 0.2512,

0.3283

362.2059, 0.3027,
0.3284

0.3225

0.2376, 0.0473,
0.3131

0.0000, 0.0000,
0.0000

60.5684, 0.2946,
0.3277

60.5684, 0.2946,
0.3277

57.7227, 0.2802,
0.3265

63.8073, 0.3098,
0.3288

55.2459, 0.2670,
0.3253

67.4478, 0.3255,
0.3298

53.1223, 0.2551,
0.3239

71.5071, 0.3414,
0.3307

51.3323, 0.2448,
0.3226

73.2363, 0.3465,
0.3316

■ 49.8544, 0.2364,
0.3212

■ 73.6734, 0.3464,
0.3325

■ 48.6644, 0.2299,
0.3198

■ 74.1128, 0.3462,
0.3334

■ 47.7348, 0.2252,
0.3184

■ 74.5546, 0.3461,
0.3342

■ 47.0325, 0.2224,
0.3170

■ 74.9987, 0.3459,
0.3351

■ 46.5832, 0.2211,
0.3159

■ 75.4452, 0.3458,
0.3360

Harmonies

Analogous

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



60.5684, 0.3021, 0.3375



60.5684, 0.2946, 0.3277



60.5684, 0.2919, 0.3185

Triad

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



60.5684, 0.2946, 0.3277



60.5684, 0.3126, 0.3138



60.5684, 0.3311, 0.3456

Complementary

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



60.5684, 0.2946, 0.3277



52.3599, 0.3338, 0.3303

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.



60.5684, 0.3340, 0.3390



60.5684, 0.2946, 0.3277



60.5684, 0.3233, 0.3207

Square

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



60.5684, 0.2946, 0.3277



60.5684, 0.3022, 0.3107



60.5684, 0.3312, 0.3299



60.5684, 0.3231, 0.3479

Rectangle

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



60.5684, 0.2946, 0.3277



60.5684, 0.2931, 0.3140



60.5684, 0.3312, 0.3299



60.5684, 0.3327, 0.3438

Sweetspot

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



60.5709, 0.2946, 0.3277



97.8475, 0.3065, 0.3286



59.9654, 0.3107, 0.3588



20.8592, 0.3053, 0.3285



0.0000, 0.0000, 0.0000



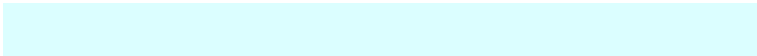
21.4041, 0.3127, 0.3290

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



60.5709, 0.2946, 0.3277



92.9075, 0.2913, 0.3274



54.7709, 0.2943, 0.3127



13.3197, 0.2983, 0.3280



28.4450, 0.2212, 0.3161



1.6171, 0.2218, 0.3186

Inverse Universe

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



53.0240, 0.3149, 0.3011



79.2049, 0.3153, 0.2957



57.7661, 0.3320, 0.3448



12.0003, 0.3144, 0.3070



10.9428, 0.3315, 0.1600



0.6145, 0.3294, 0.1588

Previews

White Background



This preview shows how the Yxy color 60.5684, 0.2946, 0.3277 looks on a white background.

Color Contrast Check

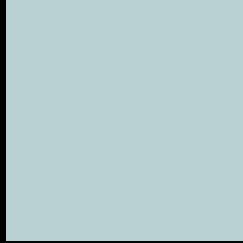
Large Text (above 18pt) WCAG AA × Fail

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 60.5684, 0.2946, 0.3277 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

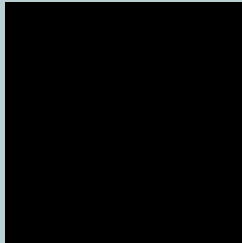
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

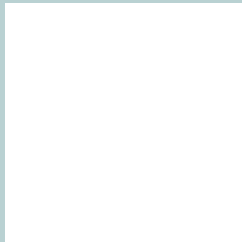
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 60.5684, 0.2946, 0.3277

Background



This preview shows how black text looks on a background with the Yxy color 60.5684, 0.2946, 0.3277.

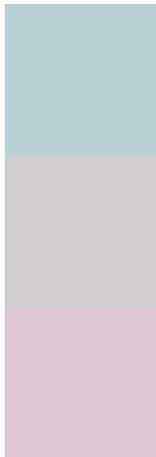


This preview shows how white text looks on a background with the Yxy color 60.5684, 0.2946, 0.3277.

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

60.5684, 0.2946, 0.3277

Protanopia

60.4335, 0.3136, 0.3255

Deuteranopia

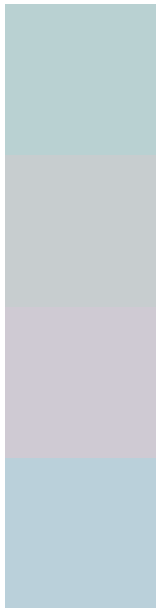
60.3573, 0.3197, 0.3133



Tritanopia

60.5182, 0.2876, 0.3101

Trichromacy



Original Color

60.5684, 0.2946, 0.3277

Protanomaly

60.3098, 0.3068, 0.3266

Deuteranomaly

60.2096, 0.3101, 0.3186

Tritanomaly

60.6128, 0.2901, 0.3170

Monochromacy



Original Color

60.5684, 0.2946, 0.3277

Achromatopsia

59.0619, 0.3127, 0.3290

Achromatomaly

59.8062, 0.3059, 0.3290

CSS Examples

Text

The CSS property to change the color of the text to Yxy 60.5684, 0.2946, 0.3277 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(185, 209, 210)` looks like.

```
.text, #text, p{  
    color:rgb(185, 209, 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(185, 209, 210) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(185, 209, 210) }
```

Border

The CSS property to change the border of an element to Yxy 60.5684, 0.2946, 0.3277 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(185, 209, 210) }
```

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

```
.border{ border-color:rgb(185, 209, 210) }
```

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

Here you see how a box with a 4 pixel `rgb(185, 209, 210)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(185, 209, 210); -webkit-box-  
shadow:4px 4px 4px 4px rgb(185, 209, 210);  
box-shadow:4px 4px 4px 4px rgb(185, 209,  
210) }
```


Background

The CSS property to change the background color of an element to Yxy 60.5684, 0.2946, 0.3277 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(185, 209, 210) }
```

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

```
.background{ background-color: rgb(185,  
209, 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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