

Converting Colors

Yxy(60.3458, 0.2824, 0.3150)

Have a look what the booklet for
Yxy(60.3458, 0.2824, 0.3150)
contains.

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Color

Yxy(60.1685, 0.2822, 0.3145)

Conversions

Conversions Part 1

Format	Color
Hex	B1D1DD
RGB	177, 209, 221
RGB Percent	69%, 82%, 87%
CMY	0.3057, 0.1804, 0.1334
CMYK	0.20, 0.05, 0.00, 0.13
HSL	196°, 39%, 78%
HSV	196°, 20%, 87%
XYZ	53.9890, 60.1685, 77.1573
YIQ	200.8000, -22.9240, -3.0520

Conversions

Conversions Part 2

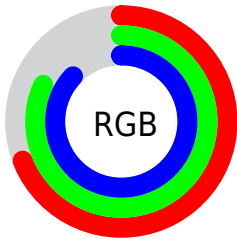
Format	Color
RYB	177, 196, 221
Decimal	11653597
CIELab	81.93, -8.02, -9.46
CIELCh	82, 12.406, 229.708
Yxy	60.1685, 0.2822, 0.3145
Android (android.graphics.Color)	4289843677 (0xFFB1D1DD)
YUV	200.8000, 9.9586, -20.8726
Hunter-Lab	77.5684, -11.5053, -4.6779

Details

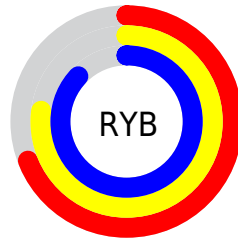
The Yxy color **60.1685, 0.2822, 0.3145** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **54.9551, 0.3493, 0.3431**, and the grayscale version is **58.2322, 0.3127, 0.3290**.

A 20% lighter version of the original color is **96.0636, 0.2993, 0.3290**, and **30.4809, 0.2748, 0.3112** is the 20% darker color. If you saturate the color by 10%, you get **54.8796, 0.2673, 0.3062**, and if you desaturate by 10%, it is **65.9944, 0.2975, 0.3221**.

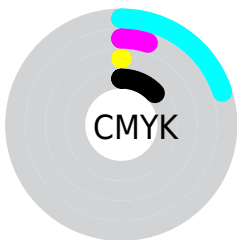
Distribution



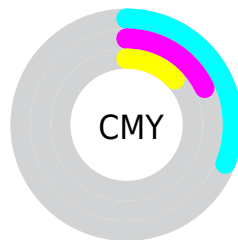
- Red (69%)
- Green (82%)
- Blue (87%)



- Red (69%)
- Yellow (77%)
- Blue (87%)



- Cyan (20%)
- Magenta (5%)
- Yellow (0%)
- Black (13%)



- Cyan (31%)
- Magenta (18%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 60.1685, 0.2822, 0.3145 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 60.1685, 0.2822, 0.3145 by changing the saturation by 10% instead.

■ 60.1685, 0.2822,
0.3145

■ 60.1685, 0.2822,
0.3145

425.2186, 0.2967,
0.3216

■ 43.5545, 0.2788,
0.3128

■ 105.0741, 0.2873,
0.3170

■ 30.3204, 0.2746,
0.3106

134.1344, 0.2892,
0.3180

■ 20.0819, 0.2691,
0.3078

168.1122, 0.2909,
0.3188

■ 12.4546, 0.2619,
0.3039

207.3920, 0.2924,
0.3195

■ 7.0541, 0.2518,
0.2984

252.3582, 0.2937,
0.3201

■ 3.4959, 0.2369,
0.2898

303.3951, 0.2948,

■ 1.3958, 0.2124,

0.3207

0.2749

360.8871, 0.2958,
0.3212

■ 0.2136, 0.0065,
0.1916

■ 0.0000, 0.0000,
0.0000

■ 60.1685, 0.2822,
0.3145

■ 60.1685, 0.2822,
0.3145

■ 54.8796, 0.2673,
0.3062

■ 65.9944, 0.2975,
0.3221

■ 50.0990, 0.2530,
0.2972

■ 72.3701, 0.3129,
0.3291

■ 45.8060, 0.2398,
0.2877

■ 79.3167, 0.3281,
0.3353

■ 41.9755, 0.2280,
0.2778

■ 84.8173, 0.3357,
0.3411

■ 38.5794, 0.2179,
0.2676

■ 88.2909, 0.3348,
0.3470

■ 35.5861, 0.2098,
0.2572

■ 91.8822, 0.3340,
0.3528

■ 32.9580, 0.2036,
0.2470

■ 95.5924, 0.3333,
0.3586

■ 30.6309, 0.1991,
0.2368

■ 97.9992, 0.3328,
0.3621

■ 30.6032, 0.1991,
0.2367

Harmonies

Analogous

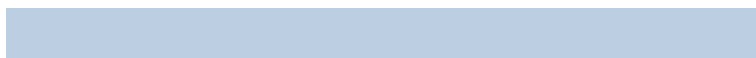
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



60.1685, 0.2869, 0.3284



60.1685, 0.2822, 0.3145



60.1685, 0.2854, 0.3051

Triad

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



60.1685, 0.2822, 0.3145



60.1685, 0.3269, 0.3157



60.1685, 0.3294, 0.3571

Complementary

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



60.1685, 0.2822, 0.3145



54.9551, 0.3493, 0.3431

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.



60.1685, 0.3406, 0.3528



60.1685, 0.2822, 0.3145



60.1685, 0.3392, 0.3288

Square

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



60.1685, 0.2822, 0.3145



60.1685, 0.3109, 0.3061



60.1685, 0.3442, 0.3423



60.1685, 0.3139, 0.3535

Rectangle

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



60.1685, 0.2822, 0.3145



60.1685, 0.2917, 0.3023



60.1685, 0.3442, 0.3423



60.1685, 0.3338, 0.3565

Sweetspot

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



60.1710, 0.2822, 0.3145



94.5787, 0.3034, 0.3249



64.7178, 0.3027, 0.3686



20.1211, 0.3024, 0.3244



0.0000, 0.0000, 0.0000



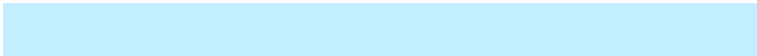
21.4041, 0.3127, 0.3290

Same Dimension

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



60.1710, 0.2822, 0.3145



79.9900, 0.2757, 0.3110



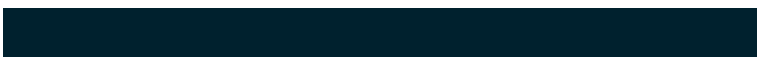
50.2416, 0.2805, 0.2875



14.1975, 0.2982, 0.3225



17.9797, 0.1995, 0.2383



1.3053, 0.2041, 0.2548

Inverse Universe

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



51.4370, 0.3247, 0.2927



65.9456, 0.3278, 0.2845



64.9982, 0.3446, 0.3674



13.2111, 0.3179, 0.3121



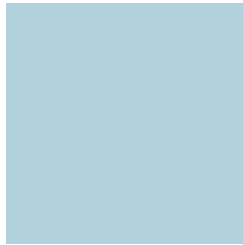
10.4388, 0.4040, 0.1999



0.6905, 0.3874, 0.1908

Previews

White Background



This preview shows how the Yxy color 60.1685, 0.2822, 0.3145 looks on a white background.

Color Contrast Check

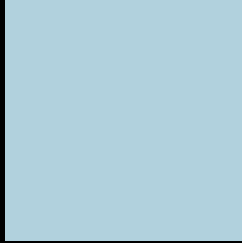
Large Text (above 18pt) WCAG AA × Fail

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 60.1685, 0.2822, 0.3145 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

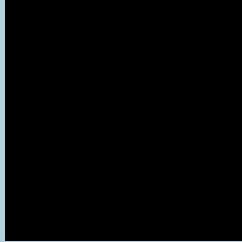
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

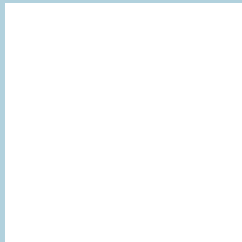
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 60.1685, 0.2822, 0.3145

Background



This preview shows how black text looks on a background with the Yxy color 60.1685, 0.2822, 0.3145.

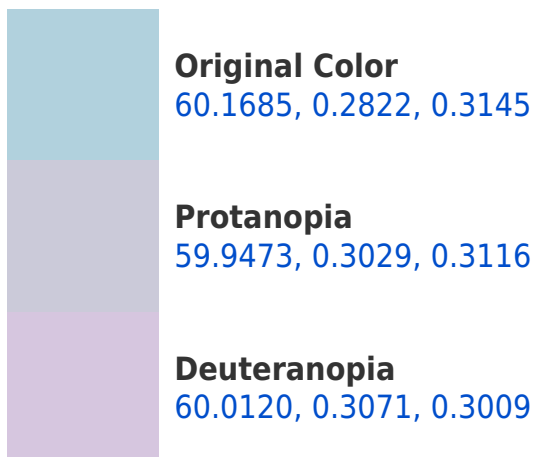


This preview shows how white text looks on a background with the Yxy color 60.1685, 0.2822, 0.3145.

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

60.0130, 0.2803, 0.3086

Trichromacy



Original Color

60.1685, 0.2822, 0.3145

Protanomaly

60.1939, 0.2957, 0.3137

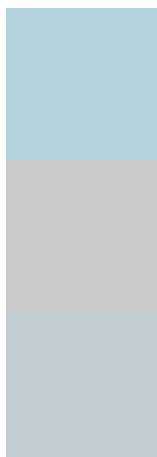
Deuteranomaly

59.9325, 0.2980, 0.3059

Tritanomaly

59.9585, 0.2809, 0.3098

Monochromacy



Original Color

60.1685, 0.2822, 0.3145

Achromatopsia

58.4078, 0.3127, 0.3290

Achromatomaly

58.9463, 0.3009, 0.3242

CSS Examples

Text

The CSS property to change the color of the text to Yxy 60.1685, 0.2822, 0.3145 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(177, 209, 221)` looks like.

```
.text, #text, p{  
    color:rgb(177, 209, 221)  
}
```

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(177, 209, 221) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(177, 209, 221) }
```

Border

The CSS property to change the border of an element to Yxy 60.1685, 0.2822, 0.3145 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(177, 209, 221) }
```

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

```
.border{ border-color:rgb(177, 209, 221) }
```

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

Here you see how a box with a 4 pixel rgb(177, 209, 221) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(177, 209, 221); -webkit-box-  
shadow:4px 4px 4px 4px rgb(177, 209, 221);  
box-shadow:4px 4px 4px 4px rgb(177, 209,  
221) }
```


Background

The CSS property to change the background color of an element to Yxy 60.1685, 0.2822, 0.3145 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(177, 209, 221) }
```

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

```
.background{ background-color: rgb(177,  
209, 221) }
```

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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