

Converting Colors

$Yxy(60.2395, 0.2783, 0.3085)$

Have a look what the booklet for
Yxy(60.2395, 0.2783, 0.3085)
contains.

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Color

Yxy(60.3220, 0.2785, 0.3086)

Conversions

Conversions Part 1

Format	Color
Hex	B0D1E2
RGB	176, 209, 226
RGB Percent	69%, 82%, 89%
CMY	0.3096, 0.1804, 0.1138
CMYK	0.22, 0.08, 0.00, 0.11
HSL	200°, 46%, 79%
HSV	200°, 22%, 89%
XYZ	54.4384, 60.3220, 80.7095
YIQ	201.0710, -25.1250, -1.7090

Conversions

Conversions Part 2

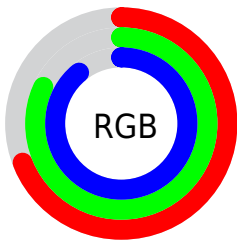
Format	Color
R _Y B	176, 196, 226
Decimal	11588066
CIE Lab	82.01, -7.24, -12.01
CIE LCh	82, 14.026, 238.941
Yxy	60.3220, 0.2785, 0.3086
Android (android.graphics.Color)	4289778146 (0xFFB0D1E2)
YUV	201.0710, 12.2900, -21.9873
Hunter-Lab	77.6672, -10.8038, -7.2454

Details

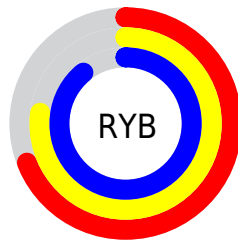
The Yxy color $60.3220, 0.2785, 0.3086$ is a light color, and the websafe version is hex $99CCCC$. A complement of this color would be $57.4582, 0.3535, 0.3485$, and the grayscale version is $58.3951, 0.3127, 0.3290$.

A 20% lighter version of the original color is $95.8958, 0.2987, 0.3290$, and $30.5939, 0.2702, 0.3034$ is the 20% darker color. If you saturate the color by 10%, you get $54.2232, 0.2632, 0.2979$, and if you desaturate by 10%, it is $67.0463, 0.2940, 0.3184$.

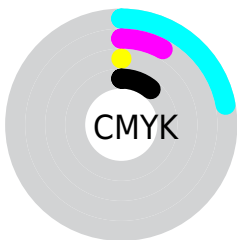
Distribution



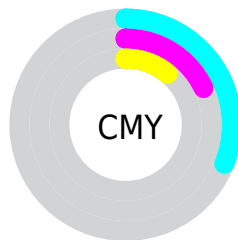
- Red (69%)
- Green (82%)
- Blue (89%)



- Red (69%)
- Yellow (77%)
- Blue (89%)



- Cyan (22%)
- Magenta (8%)
- Yellow (0%)
- Black (11%)



- Cyan (31%)
- Magenta (18%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 60.3220, 0.2785, 0.3086 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 60.3220, 0.2785, 0.3086 by changing the saturation by 10% instead.

■ 60.3220, 0.2785,
0.3086

■ 60.3220, 0.2785,
0.3086

425.7836, 0.2947,
0.3185

■ 43.6782, 0.2747,
0.3062

■ 105.2966, 0.2842,
0.3121

■ 30.4176, 0.2700,
0.3032

134.3963, 0.2864,
0.3135

■ 20.1558, 0.2640,
0.2993

168.4167, 0.2883,
0.3146

■ 12.5083, 0.2559,
0.2941

207.7422, 0.2899,
0.3156

■ 7.0909, 0.2448,
0.2866

252.7573, 0.2913,
0.3165

■ 3.5190, 0.2284,
0.2752

303.8463, 0.2926,

■ 1.4083, 0.2020,

0.3172

0.2558

361.3936, 0.2937,
0.3179

0.2228, 0.0261,
0.1656

0.0000, 0.0000,
0.0000

60.3220, 0.2785,
0.3086

60.3220, 0.2785,
0.3086

54.2232, 0.2632,
0.2979

67.0463, 0.2940,
0.3184

48.7183, 0.2485,
0.2864

74.4113, 0.3095,
0.3273

43.7836, 0.2348,
0.2742

82.4409, 0.3247,
0.3352

39.3906, 0.2224,
0.2614

88.9197, 0.3316,
0.3426

■ 35.5076, 0.2117,
0.2484

■ 93.5359, 0.3306,
0.3500

■ 32.0986, 0.2029,
0.2352

■ 98.2698, 0.3298,
0.3572

■ 29.1207, 0.1963,
0.2222

■ 27.0178, 0.1923,
0.2121

Harmonies

Analogous

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



60.3220, 0.2811, 0.3231



60.3220, 0.2785, 0.3086



60.3220, 0.2848, 0.3001

Triad

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



60.3220, 0.2785, 0.3086



60.3220, 0.3336, 0.3183



60.3220, 0.3264, 0.3605

Complementary

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



60.3220, 0.2785, 0.3086



57.4582, 0.3535, 0.3485

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.



60.3220, 0.3411, 0.3582



60.3220, 0.2785, 0.3086



60.3220, 0.3454, 0.3335

Square

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



60.3220, 0.2785, 0.3086



60.3220, 0.3163, 0.3059



60.3220, 0.3481, 0.3481



60.3220, 0.3084, 0.3538

Rectangle

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



60.3220, 0.2785, 0.3086



60.3220, 0.2932, 0.2987



60.3220, 0.3481, 0.3481



60.3220, 0.3319, 0.3607

Sweetspot

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



60.3245, 0.2785, 0.3086



92.9570, 0.3019, 0.3230



67.4542, 0.2996, 0.3695



19.7710, 0.3009, 0.3224



0.0000, 0.0000, 0.0000



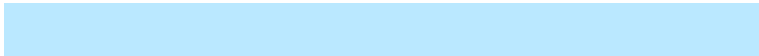
21.4041, 0.3127, 0.3290

Same Dimension

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



60.3245, 0.2785, 0.3086



75.1540, 0.2707, 0.3033



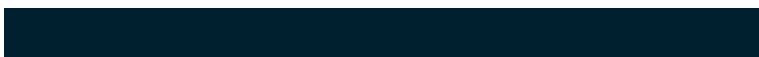
49.1625, 0.2762, 0.2780



14.7460, 0.2982, 0.3208



15.6452, 0.1928, 0.2141



1.2484, 0.1983, 0.2339

Inverse Universe

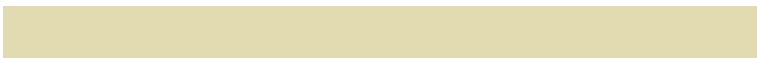
The Inverse Universe completely reimagines the original color for something new.



51.8398, 0.3290, 0.2921



62.2433, 0.3337, 0.2832



69.2676, 0.3478, 0.3754



13.8522, 0.3190, 0.3137



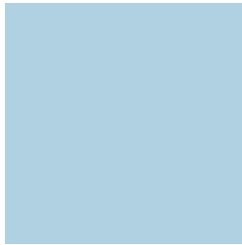
10.4874, 0.4296, 0.2140



0.7435, 0.4086, 0.2024

Previews

White Background



This preview shows how the Yxy color 60.3220, 0.2785, 0.3086 looks on a white background.

Color Contrast Check

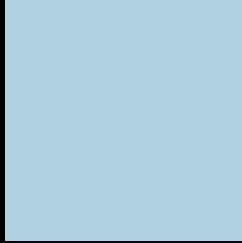
Large Text (above 18pt) WCAG AA × Fail

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 60.3220, 0.2785, 0.3086 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

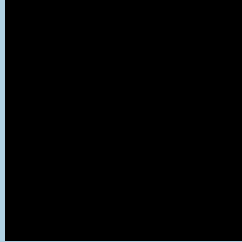
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

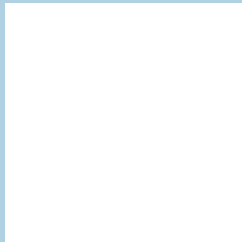
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 60.3220, 0.2785, 0.3086

Background



This preview shows how black text looks on a background with the Yxy color 60.3220, 0.2785, 0.3086.



This preview shows how white text looks on a background with the Yxy color 60.3220, 0.2785, 0.3086.

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

60.3220, 0.2785, 0.3086

Protanopia

60.0715, 0.2988, 0.3059

Deuteranopia

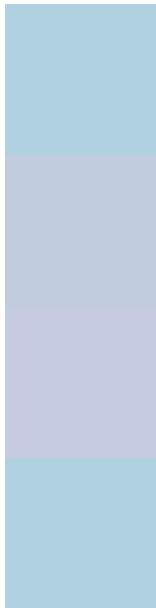
59.9867, 0.3021, 0.2954



Tritanopia

60.3220, 0.2785, 0.3086

Trichromacy



Original Color

60.3220, 0.2785, 0.3086

Protanomaly

60.3278, 0.2917, 0.3079

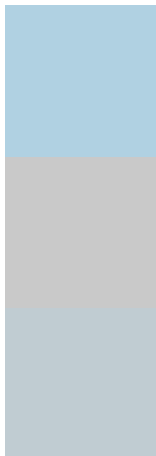
Deuteranomaly

59.9292, 0.2932, 0.3002

Tritanomaly

60.3220, 0.2785, 0.3086

Monochromacy



Original Color

60.3220, 0.2785, 0.3086

Achromatopsia

58.4078, 0.3127, 0.3290

Achromatomaly

59.0453, 0.2996, 0.3218

CSS Examples

Text

The CSS property to change the color of the text to Yxy 60.3220, 0.2785, 0.3086 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(176, 209, 226)` looks like.

```
.text, #text, p{  
    color:rgb(176, 209, 226)  
}
```

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(176, 209, 226) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(176, 209, 226) }
```

Border

The CSS property to change the border of an element to Yxy 60.3220, 0.2785, 0.3086 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(176, 209, 226) }
```

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

```
.border{ border-color:rgb(176, 209, 226) }
```

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

Here you see how a box with a 4 pixel `rgb(176, 209, 226)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(176, 209, 226); -webkit-box-  
shadow:4px 4px 4px 4px rgb(176, 209, 226);  
box-shadow:4px 4px 4px 4px rgb(176, 209,  
226) }
```


Background

The CSS property to change the background color of an element to Yxy 60.3220, 0.2785, 0.3086 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(176, 209, 226) }
```

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

```
.background{ background-color: rgb(176,  
209, 226) }
```

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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