

Converting Colors

$Yxy(62.0219, 0.2773, 0.3068)$

Have a look what the booklet for
Yxy(62.0219, 0.2773, 0.3068)
contains.

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Color

Yxy(62.2651, 0.2776, 0.3077)

Conversions

Conversions Part 1

Format	Color
Hex	B2D4E6
RGB	178, 212, 230
RGB Percent	70%, 83%, 90%
CMY	0.3022, 0.1685, 0.0981
CMYK	0.23, 0.08, 0.00, 0.10
HSL	201°, 51%, 80%
HSV	201°, 23%, 90%
XYZ	56.1742, 62.2651, 83.9172
YIQ	203.8860, -26.0420, -1.6100

Conversions

Conversions Part 2

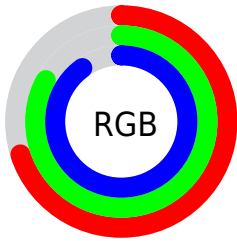
Format	Color
RYB	178, 199, 230
Decimal	11719910
CIELab	83.05, -7.36, -12.59
CIELCh	83, 14.579, 239.692
Yxy	62.2651, 0.2776, 0.3077
Android (android.graphics.Color)	4289909990 (0xFFB2D4E6)
YUV	203.8860, 12.8742, -22.7020
Hunter-Lab	78.9082, -11.0166, -7.8179

Details

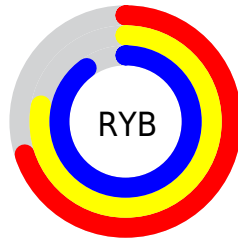
The Yxy color **62.2651, 0.2776, 0.3077** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **59.4729, 0.3547, 0.3494**, and the grayscale version is **60.2314, 0.3127, 0.3290**.

A 20% lighter version of the original color is **96.2324, 0.2999, 0.3290**, and **31.4550, 0.2691, 0.3022** is the 20% darker color. If you saturate the color by 10%, you get **55.8989, 0.2623, 0.2968**, and if you desaturate by 10%, it is **69.2877, 0.2932, 0.3177**.

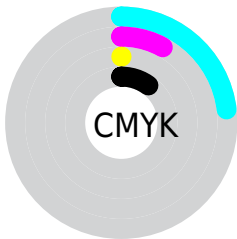
Distribution



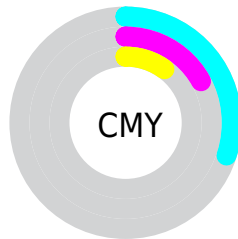
- Red (70%)
- Green (83%)
- Blue (90%)



- Red (70%)
- Yellow (78%)
- Blue (90%)



- Cyan (23%)
- Magenta (8%)
- Yellow (0%)
- Black (10%)



- Cyan (30%)
- Magenta (17%)
- Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 62.2651, 0.2776, 0.3077 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 62.2651, 0.2776, 0.3077 by changing the saturation by 10% instead.

■ 62.2651, 0.2776,
0.3077

■ 62.2651, 0.2776,
0.3077

432.8974, 0.2941,
0.3180

■ 45.2469, 0.2738,
0.3052

■ 108.1086, 0.2834,
0.3113

■ 31.6520, 0.2690,
0.3022

137.7027, 0.2856,
0.3127

■ 21.0958, 0.2629,
0.2982

172.2576, 0.2875,
0.3139

■ 13.1941, 0.2549,
0.2928

212.1576, 0.2892,
0.3150

■ 7.5623, 0.2438,
0.2853

257.7873, 0.2907,
0.3159

■ 3.8162, 0.2276,
0.2738

309.5308, 0.2919,

■ 1.5713, 0.2019,

0.3167

0.2547

367.7728, 0.2931,
0.3174

0.3381, 0.0807,
0.1925

0.0000, 0.0000,
0.0000

62.2651, 0.2776,
0.3077

62.2651, 0.2776,
0.3077

55.8989, 0.2623,
0.2968

69.2877, 0.2932,
0.3177

50.1559, 0.2476,
0.2850

76.9830, 0.3087,
0.3268

45.0113, 0.2338,
0.2726

85.3760, 0.3239,
0.3349

40.4348, 0.2214,
0.2596

91.5450, 0.3286,
0.3425

■ 36.3932, 0.2107,
0.2463

■ 96.4218, 0.3277,
0.3501

■ 32.8483, 0.2020,
0.2329

■ 98.4930, 0.3274,
0.3532

■ 29.7546, 0.1955,
0.2197

■ 27.7136, 0.1917,
0.2102

Harmonies

Analogous

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



62.2651, 0.2800, 0.3225



62.2651, 0.2776, 0.3077



62.2651, 0.2842, 0.2992

Triad

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



62.2651, 0.2776, 0.3077



62.2651, 0.3346, 0.3183



62.2651, 0.3263, 0.3614

Complementary

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



62.2651, 0.2776, 0.3077



59.4729, 0.3547, 0.3494

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.



62.2651, 0.3416, 0.3592



62.2651, 0.2776, 0.3077



62.2651, 0.3465, 0.3340

Square

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



62.2651, 0.2776, 0.3077



62.2651, 0.3169, 0.3056



62.2651, 0.3491, 0.3489



62.2651, 0.3078, 0.3542

Rectangle

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



62.2651, 0.2776, 0.3077



62.2651, 0.2930, 0.2979



62.2651, 0.3491, 0.3489



62.2651, 0.3320, 0.3617

Sweetspot

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



62.2676, 0.2776, 0.3077



92.9010, 0.3019, 0.3229



70.0021, 0.2993, 0.3707



19.7580, 0.3009, 0.3223



0.0000, 0.0000, 0.0000



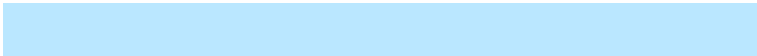
21.4041, 0.3127, 0.3290

Same Dimension

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



62.2676, 0.2776, 0.3077



74.9578, 0.2706, 0.3029



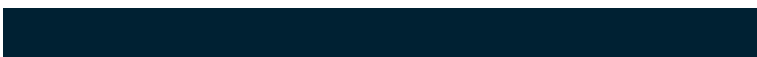
50.5457, 0.2752, 0.2765



15.4546, 0.2981, 0.3207



15.9269, 0.1923, 0.2122



1.3486, 0.1976, 0.2312

Inverse Universe

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



53.3912, 0.3298, 0.2914



62.2235, 0.3340, 0.2836



71.9160, 0.3488, 0.3766



14.5262, 0.3190, 0.3137



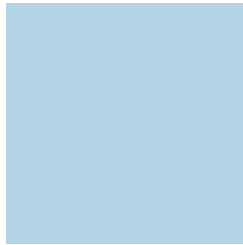
10.8055, 0.4317, 0.2152



0.8158, 0.4114, 0.2040

Previews

White Background



This preview shows how the Yxy color 62.2651, 0.2776, 0.3077 looks on a white background.

Color Contrast Check

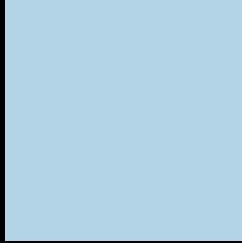
Large Text (above 18pt) WCAG AA × Fail

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 62.2651, 0.2776, 0.3077 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

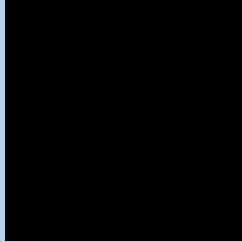
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

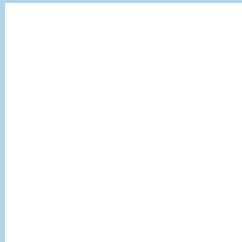
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 62.2651, 0.2776, 0.3077

Background



This preview shows how black text looks on a background with the Yxy color 62.2651, 0.2776, 0.3077.



This preview shows how white text looks on a background with the Yxy color 62.2651, 0.2776, 0.3077.

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

62.2651, 0.2776, 0.3077

Protanopia

61.9910, 0.2976, 0.3051

Deuteranopia

61.8956, 0.3008, 0.2947



Tritanopia

62.2091, 0.2782, 0.3088

Trichromacy



Original Color

62.2651, 0.2776, 0.3077

Protanomaly

62.2599, 0.2906, 0.3070

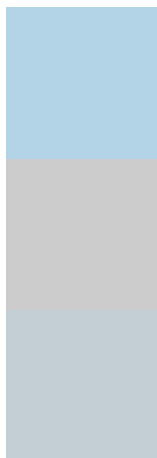
Deuteranomaly

61.8497, 0.2921, 0.2994

Tritanomaly

62.2091, 0.2782, 0.3088

Monochromacy



Original Color

62.2651, 0.2776, 0.3077

Achromatopsia

60.3827, 0.3127, 0.3290

Achromatomaly

61.0318, 0.2997, 0.3219

CSS Examples

Text

The CSS property to change the color of the text to Yxy 62.2651, 0.2776, 0.3077 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(178, 212, 230)` looks like.

```
.text, #text, p{  
    color:rgb(178, 212, 230)  
}
```

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(178, 212, 230) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(178, 212, 230) }
```

Border

The CSS property to change the border of an element to Yxy 62.2651, 0.2776, 0.3077 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(178, 212, 230) }
```

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

```
.border{ border-color:rgb(178, 212, 230) }
```

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

Here you see how a box with a 4 pixel `rgb(178, 212, 230)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(178, 212, 230); -webkit-box-  
shadow:4px 4px 4px 4px rgb(178, 212, 230);  
box-shadow:4px 4px 4px 4px rgb(178, 212,  
230) }
```


Background

The CSS property to change the background color of an element to Yxy 62.2651, 0.2776, 0.3077 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(178, 212, 230) }
```

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

```
.background{ background-color: rgb(178,  
212, 230) }
```

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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