

Converting Colors

$Yxy(60.2402, 0.2766, 0.3021)$

Have a look what the booklet for
Yxy(60.2402, 0.2766, 0.3021)
contains.

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Color

Yxy(60.3462, 0.2767, 0.3017)

Conversions

Conversions Part 1

Format	Color
Hex	B2D0E7
RGB	178, 208, 231
RGB Percent	70%, 82%, 91%
CMY	0.3018, 0.1843, 0.0941
CMYK	0.23, 0.10, 0.00, 0.09
HSL	206°, 52%, 80%
HSV	206°, 23%, 91%
XYZ	55.3457, 60.3462, 84.3287
YIQ	201.6520, -25.2630, 0.7930

Conversions

Conversions Part 2

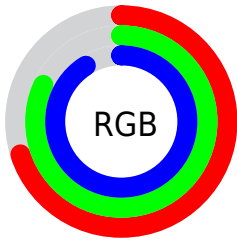
Format	Color
R _Y B	178, 197, 231
Decimal	11718887
CIE Lab	82.03, -5.00, -14.66
CIE LCh	82, 15.487, 251.171
Yxy	60.3462, 0.2767, 0.3017
Android (android.graphics.Color)	4289908967 (0xFFB2D0E7)
YUV	201.6520, 14.4686, -20.7428
Hunter-Lab	77.6828, -8.7713, -9.9844

Details

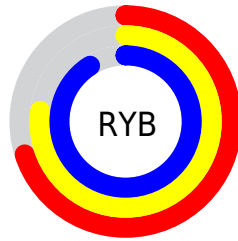
The Yxy color **60.3462, 0.2767, 0.3017** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **61.9971, 0.3542, 0.3548**, and the grayscale version is **58.7599, 0.3127, 0.3290**.

A 20% lighter version of the original color is **96.2324, 0.2999, 0.3290**, and **30.4914, 0.2678, 0.2958** is the 20% darker color. If you saturate the color by 10%, you get **53.1030, 0.2607, 0.2878**, and if you desaturate by 10%, it is **68.3640, 0.2926, 0.3144**.

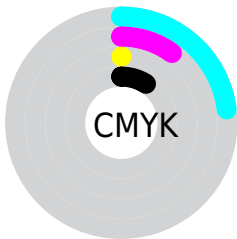
Distribution



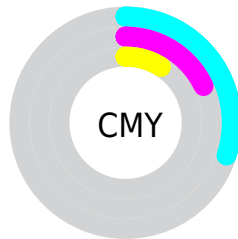
- Red (70%)
- Green (82%)
- Blue (91%)



- Red (70%)
- Yellow (77%)
- Blue (91%)



- Cyan (23%)
- Magenta (10%)
- Yellow (0%)
- Black (9%)



- Cyan (30%)
- Magenta (18%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 60.3462, 0.2767, 0.3017 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 60.3462, 0.2767, 0.3017 by changing the saturation by 10% instead.

■ 60.3462, 0.2767,
0.3017

■ 60.3462, 0.2767,
0.3017

425.8727, 0.2937,
0.3148

■ 43.6977, 0.2727,
0.2986

■ 105.3317, 0.2827,
0.3064

■ 30.4330, 0.2678,
0.2947

134.4376, 0.2850,
0.3081

■ 20.1674, 0.2614,
0.2896

168.4646, 0.2870,
0.3097

■ 12.5168, 0.2530,
0.2828

207.7974, 0.2887,
0.3110

■ 7.0967, 0.2414,
0.2733

252.8202, 0.2902,
0.3121

■ 3.5226, 0.2243,
0.2590

303.9174, 0.2915,

■ 1.4103, 0.1971,

0.3131

0.2354

361.4734, 0.2927,
0.3140

■ 0.2243, 0.0564,
0.1386

■ 0.0000, 0.0000,
0.0000

■ 60.3462, 0.2767,
0.3017

■ 60.3462, 0.2767,
0.3017

■ 53.1030, 0.2607,
0.2878

■ 68.3640, 0.2926,
0.3144

■ 46.5982, 0.2451,
0.2727

■ 77.1758, 0.3082,
0.3259

■ 40.8035, 0.2303,
0.2567

■ 86.8097, 0.3233,
0.3361

■ 35.6854, 0.2166,
0.2400

■ 94.2430, 0.3275,
0.3457

■ 31.2066, 0.2046,
0.2230

■ 98.5493, 0.3268,
0.3522

■ 27.3253, 0.1947,
0.2060

■ 23.9916, 0.1871,
0.1894

■ 21.9119, 0.1828,
0.1781

Harmonies

Analogous

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



60.3462, 0.2755, 0.3153



60.3462, 0.2767, 0.3017



60.3462, 0.2872, 0.2958

Triad

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



60.3462, 0.2767, 0.3017



60.3462, 0.3421, 0.3238



60.3462, 0.3198, 0.3621

Complementary

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



60.3462, 0.2767, 0.3017



61.9971, 0.3542, 0.3548

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.



60.3462, 0.3382, 0.3635



60.3462, 0.2767, 0.3017



60.3462, 0.3514, 0.3407

Square

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



60.3462, 0.2767, 0.3017



60.3462, 0.3248, 0.3085



60.3462, 0.3499, 0.3554



60.3462, 0.3000, 0.3509

Rectangle

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



60.3462, 0.2767, 0.3017



60.3462, 0.2983, 0.2966



60.3462, 0.3499, 0.3554



60.3462, 0.3264, 0.3637

Sweetspot

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



60.3486, 0.2767, 0.3017



91.9230, 0.3019, 0.3213



70.8362, 0.2960, 0.3647



19.5313, 0.3009, 0.3206



0.0000, 0.0000, 0.0000



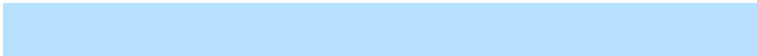
21.4041, 0.3127, 0.3290

Same Dimension

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



60.3486, 0.2767, 0.3017



70.6658, 0.2683, 0.2946



48.5196, 0.2742, 0.2691



15.2333, 0.2981, 0.3185



12.5359, 0.1835, 0.1806



1.1103, 0.1901, 0.2043

Inverse Universe

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



53.3992, 0.3339, 0.2959



60.7562, 0.3401, 0.2880



75.3978, 0.3481, 0.3826



14.5039, 0.3204, 0.3158



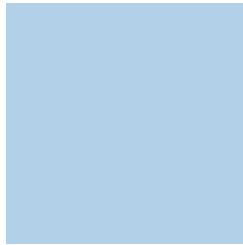
10.4632, 0.4678, 0.2351



0.7918, 0.4405, 0.2200

Previews

White Background



This preview shows how the Yxy color 60.3462, 0.2767, 0.3017 looks on a white background.

Color Contrast Check

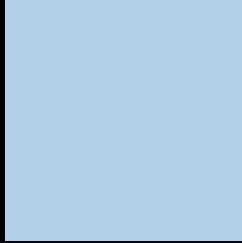
Large Text (above 18pt) WCAG AA × Fail

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 60.3462, 0.2767, 0.3017 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

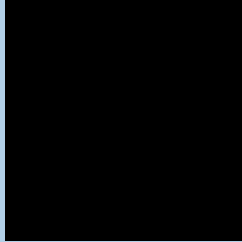
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

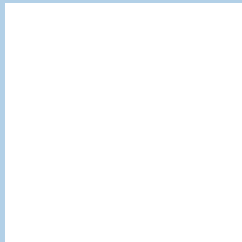
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 60.3462, 0.2767, 0.3017

Background



This preview shows how black text looks on a background with the Yxy color 60.3462, 0.2767, 0.3017.



This preview shows how white text looks on a background with the Yxy color 60.3462, 0.2767, 0.3017.

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

60.3462, 0.2767, 0.3017

Protanopia

60.0665, 0.2940, 0.3003

Deuteranopia

59.8267, 0.2964, 0.2898



Tritanopia

60.4390, 0.2791, 0.3086

Trichromacy



Original Color

60.3462, 0.2767, 0.3017

Protanomaly

59.9936, 0.2877, 0.3010

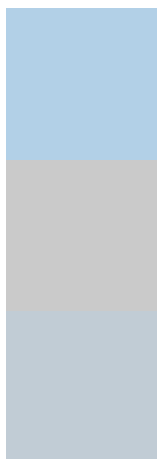
Deuteranomaly

60.0730, 0.2893, 0.2947

Tritanomaly

60.5495, 0.2779, 0.3063

Monochromacy



Original Color

60.3462, 0.2767, 0.3017

Achromatopsia

59.0619, 0.3127, 0.3290

Achromatomaly

59.3273, 0.2983, 0.3183

CSS Examples

Text

The CSS property to change the color of the text to Yxy 60.3462, 0.2767, 0.3017 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, 208, 231)` looks like.

```
.text, #text, p{  
    color:rgb(178, 208, 231)  
}
```

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, 208, 231) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(178, 208, 231) }
```

Border

The CSS property to change the border of an element to Yxy 60.3462, 0.2767, 0.3017 is called "border". The border property can be set on classes, ids or directly on the HTML element.

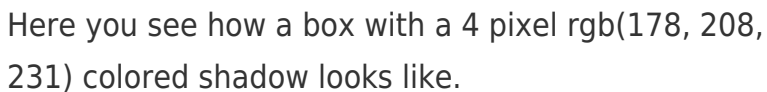
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(178, 208, 231) }
```

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

```
.border{ border-color:rgb(178, 208, 231) }
```

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



Here you see how a box with a 4 pixel `rgb(178, 208, 231)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(178, 208, 231); -webkit-box-shadow:4px 4px 4px 4px rgb(178, 208, 231); box-shadow:4px 4px 4px 4px rgb(178, 208, 231) }
```


Background

The CSS property to change the background color of an element to Yxy 60.3462, 0.2767, 0.3017 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(178, 208, 231) }
```

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

```
.background{ background-color: rgb(178,  
208, 231) }
```

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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