

Converting Colors

$Yxy(60.1672, 0.2749, 0.3006)$

Have a look what the booklet for
Yxy(60.1672, 0.2749, 0.3006)
contains.

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Color

Yxy(60.1681, 0.2748, 0.3005)

Conversions

Conversions Part 1

Format	Color
Hex	B0D0E8
RGB	176, 208, 232
RGB Percent	69%, 82%, 91%
CMY	0.3098, 0.1843, 0.0903
CMYK	0.24, 0.10, 0.00, 0.09
HSL	206°, 55%, 80%
HSV	206°, 24%, 91%
XYZ	55.0223, 60.1681, 85.0362
YIQ	201.1680, -26.7760, 0.6800

Conversions

Conversions Part 2

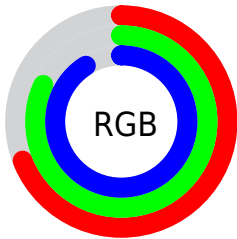
Format	Color
RYB	176, 196, 232
Decimal	11587816
CIELab	81.93, -5.40, -15.34
CIELCh	82, 16.259, 250.613
Yxy	60.1681, 0.2748, 0.3005
Android (android.graphics.Color)	4289777896 (0xFFB0D0E8)
YUV	201.1680, 15.2002, -22.0723
Hunter-Lab	77.5681, -9.1267, -10.7007

Details

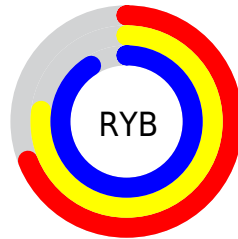
The Yxy color **60.1681, 0.2748, 0.3005** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **61.5783, 0.3569, 0.3559**, and the grayscale version is **58.4352, 0.3127, 0.3290**.

A 20% lighter version of the original color is **95.8958, 0.2987, 0.3290**, and **30.3834, 0.2654, 0.2941** is the 20% darker color. If you saturate the color by 10%, you get **53.0008, 0.2589, 0.2866**, and if you desaturate by 10%, it is **68.1056, 0.2907, 0.3132**.

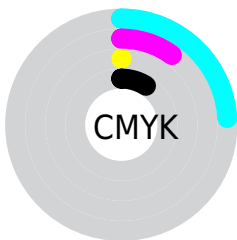
Distribution



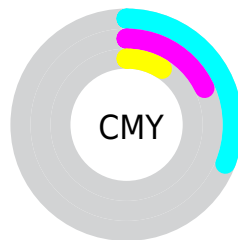
- Red (69%)
- Green (82%)
- Blue (91%)



- Red (69%)
- Yellow (77%)
- Blue (91%)



- Cyan (24%)
- Magenta (10%)
- Yellow (0%)
- Black (9%)



- Cyan (31%)
- Magenta (18%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 60.1681, 0.2748, 0.3005 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 60.1681, 0.2748, 0.3005 by changing the saturation by 10% instead.

■ 60.1681, 0.2748,
0.3005

■ 60.1681, 0.2748,
0.3005

425.2171, 0.2927,
0.3142

■ 43.5541, 0.2706,
0.2972

■ 105.0735, 0.2811,
0.3054

■ 30.3201, 0.2654,
0.2931

134.1337, 0.2835,
0.3072

■ 20.0817, 0.2587,
0.2879

168.1114, 0.2856,
0.3088

■ 12.4545, 0.2499,
0.2808

207.3911, 0.2874,
0.3102

■ 7.0540, 0.2378,
0.2708

252.3571, 0.2890,
0.3114

■ 3.4959, 0.2199,
0.2559

303.3939, 0.2904,

■ 1.3958, 0.1916,

0.3124

0.2313

360.8857, 0.2916,
0.3134

0.2136, 0.0437,
0.1309

0.0000, 0.0000,
0.0000

60.1681, 0.2748,
0.3005

60.1681, 0.2748,
0.3005

53.0008, 0.2589,
0.2866

68.1056, 0.2907,
0.3132

46.5674, 0.2434,
0.2717

76.8332, 0.3064,
0.3246

40.8392, 0.2287,
0.2558

86.3789, 0.3215,
0.3349

35.7821, 0.2154,
0.2393

94.0572, 0.3269,
0.3444

■ 31.3584, 0.2037,
0.2225

■ 98.6046, 0.3262,
0.3513

■ 27.5252, 0.1942,
0.2058

■ 24.2312, 0.1869,
0.1895

■ 22.5048, 0.1834,
0.1802

Harmonies

Analogous

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



60.1681, 0.2738, 0.3148



60.1681, 0.2748, 0.3005



60.1681, 0.2856, 0.2942

Triad

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



60.1681, 0.2748, 0.3005



60.1681, 0.3434, 0.3232



60.1681, 0.3205, 0.3639

Complementary

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



60.1681, 0.2748, 0.3005



61.5783, 0.3569, 0.3559

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.



60.1681, 0.3398, 0.3652



60.1681, 0.2748, 0.3005



60.1681, 0.3533, 0.3410

Square

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



60.1681, 0.2748, 0.3005



60.1681, 0.3251, 0.3073



60.1681, 0.3519, 0.3564



60.1681, 0.2997, 0.3523

Rectangle

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



60.1681, 0.2748, 0.3005



60.1681, 0.2972, 0.2950



60.1681, 0.3519, 0.3564



60.1681, 0.3274, 0.3656

Sweetspot

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



60.1705, 0.2748, 0.3005



91.9907, 0.3019, 0.3214



71.0666, 0.2957, 0.3680



19.5470, 0.3009, 0.3207



0.0000, 0.0000, 0.0000



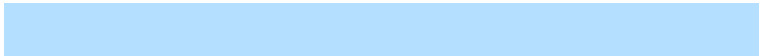
21.4041, 0.3127, 0.3290

Same Dimension

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



60.1705, 0.2748, 0.3005



70.0060, 0.2668, 0.2937



47.9665, 0.2720, 0.2666



15.2486, 0.2981, 0.3187



12.7519, 0.1841, 0.1828



1.1258, 0.1906, 0.2061

Inverse Universe

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



52.7566, 0.3350, 0.2937



59.6741, 0.3410, 0.2860



75.3929, 0.3502, 0.3845



14.5054, 0.3203, 0.3156



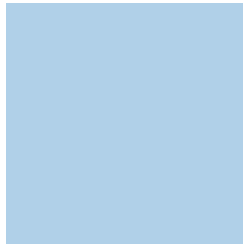
10.4850, 0.4652, 0.2336



0.7933, 0.4384, 0.2189

Previews

White Background



This preview shows how the Yxy color 60.1681, 0.2748, 0.3005 looks on a white background.

Color Contrast Check

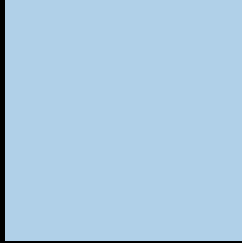
Large Text (above 18pt) WCAG AA × Fail

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 60.1681, 0.2748, 0.3005 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

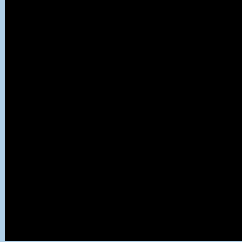
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

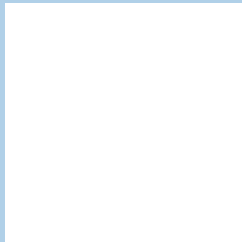
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 60.1681, 0.2748, 0.3005

Background



This preview shows how black text looks on a background with the Yxy color 60.1681, 0.2748, 0.3005.



This preview shows how white text looks on a background with the Yxy color 60.1681, 0.2748, 0.3005.

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

60.1681, 0.2748, 0.3005

Protanopia

60.1219, 0.2933, 0.2992

Deuteranopia

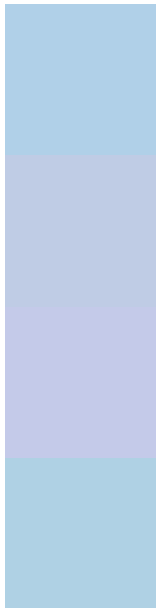
59.7386, 0.2950, 0.2887



Tritanopia

60.2059, 0.2778, 0.3085

Trichromacy



Original Color

60.1681, 0.2748, 0.3005

Protanomaly

59.9192, 0.2864, 0.2999

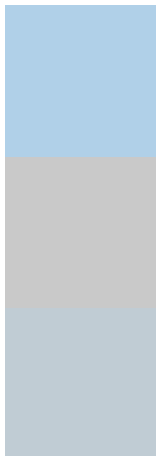
Deuteranomaly

59.8600, 0.2872, 0.2934

Tritanomaly

60.3163, 0.2766, 0.3062

Monochromacy



Original Color

60.1681, 0.2748, 0.3005

Achromatopsia

58.4078, 0.3127, 0.3290

Achromatomaly

59.1457, 0.2982, 0.3194

CSS Examples

Text

The CSS property to change the color of the text to Yxy 60.1681, 0.2748, 0.3005 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, 208, 232)` looks like.

```
.text, #text, p{  
    color:rgb(176, 208, 232)  
}
```

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, 208, 232) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(176, 208, 232) }
```

Border

The CSS property to change the border of an element to Yxy 60.1681, 0.2748, 0.3005 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, 208, 232) }
```

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

```
.border{ border-color:rgb(176, 208, 232) }
```

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

Here you see how a box with a 4 pixel `rgb(176, 208, 232)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(176, 208, 232); -webkit-box-  
shadow:4px 4px 4px 4px rgb(176, 208, 232);  
box-shadow:4px 4px 4px 4px rgb(176, 208,  
232) }
```


Background

The CSS property to change the background color of an element to Yxy 60.1681, 0.2748, 0.3005 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(176, 208, 232) }
```

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

```
.background{ background-color: rgb(176,  
208, 232) }
```

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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