

Converting Colors

$Yxy(60.0550, 0.2760, 0.3027)$

Have a look what the booklet for
Yxy(60.0550, 0.2760, 0.3027)
contains.

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Color

Yxy(60.0550, 0.2760, 0.3027)

Conversions

Conversions Part 1

Format	Color
Hex	B0D0E6
RGB	176, 208, 230
RGB Percent	69%, 82%, 90%
CMY	0.3095, 0.1844, 0.0979
CMYK	0.23, 0.10, 0.00, 0.10
HSL	205°, 52%, 80%
HSV	205°, 23%, 90%
XYZ	54.7578, 60.0550, 83.5850
YIQ	200.9400, -26.1340, 0.0580

Conversions

Conversions Part 2

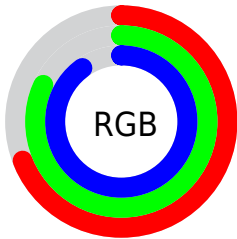
Format	Color
R _Y B	176, 196, 230
Decimal	11587814
CIE Lab	81.87, -5.80, -14.39
CIE LCh	82, 15.515, 248.042
Yxy	60.0550, 0.2760, 0.3027
Android (android.graphics.Color)	4289777894 (0xFFB0D0E6)
YUV	200.9400, 14.3266, -21.8724
Hunter-Lab	77.4952, -9.4891, -9.7026

Details

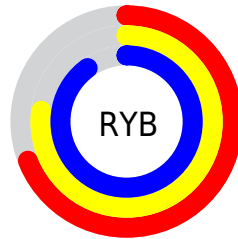
The Yxy color **60.0550, 0.2760, 0.3027** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **60.4044, 0.3557, 0.3539**, and the grayscale version is **58.3008, 0.3127, 0.3290**.

A 20% lighter version of the original color is **95.8958, 0.2987, 0.3290**, and **30.3048, 0.2669, 0.2971** is the 20% darker color. If you saturate the color by 10%, you get **53.1512, 0.2602, 0.2896**, and if you desaturate by 10%, it is **67.6896, 0.2918, 0.3147**.

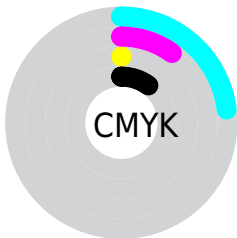
Distribution



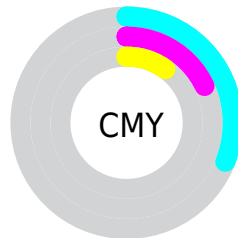
- Red (69%)
- Green (82%)
- Blue (90%)



- Red (69%)
- Yellow (77%)
- Blue (90%)



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



- Cyan (31%)
- Magenta (18%)
- Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 60.0550, 0.2760, 0.3027 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 60.0550, 0.2760, 0.3027 by changing the saturation by 10% instead.

■ 60.0550, 0.2760,
0.3027

■ 60.0550, 0.2760,
0.3027

424.8005, 0.2934,
0.3154

■ 43.4630, 0.2719,
0.2997

■ 104.9094, 0.2821,
0.3072

■ 30.2485, 0.2669,
0.2959

133.9407, 0.2845,
0.3089

■ 20.0273, 0.2604,
0.2910

167.8870, 0.2865,
0.3104

■ 12.4149, 0.2518,
0.2843

207.1330, 0.2882,
0.3117

■ 7.0269, 0.2400,
0.2750

252.0629, 0.2897,
0.3128

■ 3.4789, 0.2225,
0.2610

303.0612, 0.2911,

■ 1.3866, 0.1947,

0.3138

0.2376

360.5123, 0.2923,
0.3146

0.2068, 0.0362,
0.1362

0.0000, 0.0000,
0.0000

60.0550, 0.2760,
0.3027

60.0550, 0.2760,
0.3027

53.1512, 0.2602,
0.2896

67.6896, 0.2918,
0.3147

46.9432, 0.2449,
0.2754

76.0734, 0.3074,
0.3255

41.4039, 0.2304,
0.2604

85.2332, 0.3226,
0.3352

36.5010, 0.2173,
0.2448

92.6257, 0.3283,
0.3442

■ 32.1985, 0.2058,
0.2288

■ 98.4743, 0.3274,
0.3532

■ 28.4558, 0.1964,
0.2128

■ 98.4945, 0.3274,
0.3532

■ 25.2242, 0.1891,
0.1972

■ 23.3385, 0.1854,
0.1873

Harmonies

Analogous

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



60.0550, 0.2758, 0.3170



60.0550, 0.2760, 0.3027



60.0550, 0.2856, 0.2959

Triad

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



60.0550, 0.2760, 0.3027



60.0550, 0.3407, 0.3220



60.0550, 0.3219, 0.3628

Complementary

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



60.0550, 0.2760, 0.3027



60.4044, 0.3557, 0.3539

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.



60.0550, 0.3399, 0.3632



60.0550, 0.2760, 0.3027



60.0550, 0.3511, 0.3390

Square

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



60.0550, 0.2760, 0.3027



60.0550, 0.3228, 0.3071



60.0550, 0.3507, 0.3542



60.0550, 0.3019, 0.3525

Rectangle

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



60.0550, 0.2760, 0.3027



60.0550, 0.2963, 0.2962



60.0550, 0.3507, 0.3542



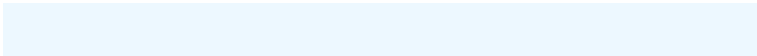
60.0550, 0.3284, 0.3641

Sweetspot

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



60.0574, 0.2760, 0.3027



92.2058, 0.3019, 0.3218



69.9067, 0.2967, 0.3679



19.5968, 0.3009, 0.3211



0.0000, 0.0000, 0.0000



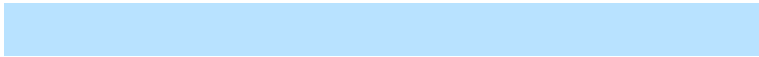
21.4041, 0.3127, 0.3290

Same Dimension

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



60.0574, 0.2760, 0.3027



71.6625, 0.2686, 0.2967



48.1921, 0.2733, 0.2698



15.2972, 0.2981, 0.3192



13.4563, 0.1860, 0.1897



1.1760, 0.1923, 0.2121

Inverse Universe

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



52.4600, 0.3334, 0.2936



60.8568, 0.3386, 0.2862



73.6142, 0.3493, 0.3820



14.5104, 0.3200, 0.3152



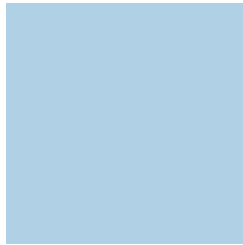
10.5561, 0.4571, 0.2292



0.7984, 0.4318, 0.2152

Previews

White Background



This preview shows how the Yxy color 60.0550, 0.2760, 0.3027 looks on a white background.

Color Contrast Check

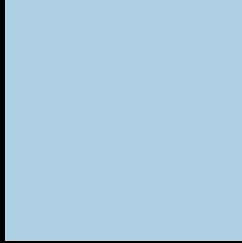
Large Text (above 18pt) WCAG AA × Fail

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 60.0550, 0.2760, 0.3027 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

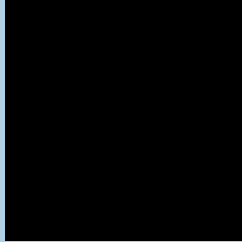
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

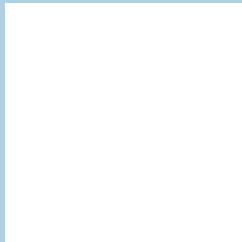
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 60.0550, 0.2760, 0.3027

Background



This preview shows how black text looks on a background with the Yxy color 60.0550, 0.2760, 0.3027.



This preview shows how white text looks on a background with the Yxy color 60.0550, 0.2760, 0.3027.

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

60.0550, 0.2760, 0.3027

Protanopia

60.0114, 0.2946, 0.3014

Deuteranopia

59.7697, 0.2971, 0.2909



Tritanopia

60.1511, 0.2784, 0.3097

Trichromacy



Original Color

60.0550, 0.2760, 0.3027

Protanomaly

59.8081, 0.2876, 0.3021

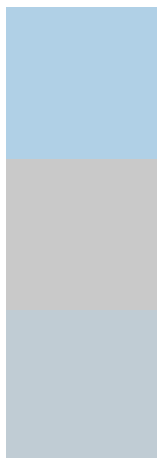
Deuteranomaly

59.8809, 0.2892, 0.2957

Tritanomaly

60.2609, 0.2772, 0.3074

Monochromacy



Original Color

60.0550, 0.2760, 0.3027

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 60.0550, 0.2760, 0.3027 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, 230)` looks like.

```
.text, #text, p{  
    color:rgb(176, 208, 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(176, 208, 230) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(176, 208, 230) }
```

Border

The CSS property to change the border of an element to Yxy 60.0550, 0.2760, 0.3027 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, 230) }
```

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

```
.border{ border-color:rgb(176, 208, 230) }
```

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, 230)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(176, 208, 230); -webkit-box-  
shadow:4px 4px 4px 4px rgb(176, 208, 230);  
box-shadow:4px 4px 4px 4px rgb(176, 208,  
230) }
```


Background

The CSS property to change the background color of an element to Yxy 60.0550, 0.2760, 0.3027 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, 230) }
```

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

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