

Converting Colors

Yxy(60.2216, 0.2696, 0.2861)

Have a look what the booklet for
Yxy(60.2216, 0.2696, 0.2861)
contains.

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Color

Yxy(60.0787, 0.2694, 0.2860)

Conversions

Conversions Part 1

Format	Color
Hex	B2CEF3
RGB	178, 206, 243
RGB Percent	70%, 81%, 95%
CMY	0.3023, 0.1920, 0.0471
CMYK	0.27, 0.15, 0.00, 0.05
HSL	214°, 73%, 83%
HSV	214°, 27%, 95%
XYZ	56.5916, 60.0787, 93.3951
YIQ	201.8460, -28.5650, 5.5710

Conversions

Conversions Part 2

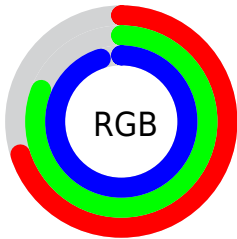
Format	Color
R _Y B	178, 198, 243
Decimal	11718387
CIE Lab	81.88, -1.26, -21.27
CIE LCh	82, 21.305, 266.601
Yxy	60.0787, 0.2694, 0.2860
Android (android.graphics.Color)	4289908467 (0xFFB2CEF3)
YUV	201.8460, 20.2889, -20.9129
Hunter-Lab	77.5105, -5.3176, -17.1833

Details

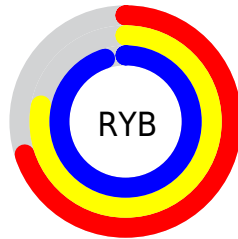
The Yxy color **60.0787, 0.2694, 0.2860** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **70.7968, 0.3604, 0.3685**, and the grayscale version is **58.8382, 0.3127, 0.3290**.

A 20% lighter version of the original color is **96.4022, 0.3005, 0.3290**, and **30.3294, 0.2587, 0.2752** is the 20% darker color. If you saturate the color by 10%, you get **51.1022, 0.2523, 0.2668**, and if you desaturate by 10%, it is **70.1524, 0.2862, 0.3035**.

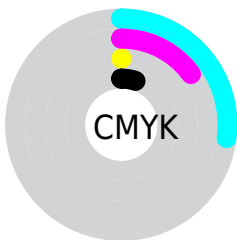
Distribution



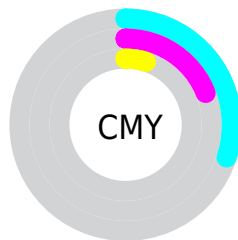
- Red (70%)
- Green (81%)
- Blue (95%)



- Red (70%)
- Yellow (78%)
- Blue (95%)



- Cyan (27%)
- Magenta (15%)
- Yellow (0%)
- Black (5%)



- Cyan (30%)
- Magenta (19%)
- Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 60.0787, 0.2694, 0.2860 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 60.0787, 0.2694, 0.2860 by changing the saturation by 10% instead.

■ 60.0787, 0.2694,
0.2860

■ 60.0787, 0.2694,
0.2860

424.8878, 0.2899,
0.3064

■ 43.4821, 0.2646,
0.2812

■ 104.9438, 0.2766,
0.2932

■ 30.2635, 0.2587,
0.2753

133.9811, 0.2793,
0.2959

■ 20.0387, 0.2512,
0.2677

167.9341, 0.2817,
0.2983

■ 12.4232, 0.2413,
0.2577

207.1871, 0.2838,
0.3003

■ 7.0326, 0.2277,
0.2440

252.1246, 0.2856,
0.3021

■ 3.4825, 0.2080,
0.2240

303.1309, 0.2872,

■ 1.3885, 0.1775,

0.3037

0.1927

360.5905, 0.2886,
0.3051

0.2082, 0.0727,
0.0905

0.0000, 0.0000,
0.0000

60.0787, 0.2694,
0.2860

60.0787, 0.2694,
0.2860

51.1022, 0.2523,
0.2668

70.1524, 0.2862,
0.3035

43.1739, 0.2354,
0.2462

81.3553, 0.3023,
0.3193

36.2512, 0.2191,
0.2244

93.7270, 0.3175,
0.3333

30.2855, 0.2040,
0.2021

99.2502, 0.3197,
0.3405

■ 25.2230, 0.1910,
0.1799

■ 21.0024, 0.1803,
0.1585

■ 17.5501, 0.1724,
0.1389

■ 16.5710, 0.1703,
0.1329

Harmonies

Analogous

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



60.0787, 0.2612, 0.2990



60.0787, 0.2694, 0.2860



60.0787, 0.2890, 0.2843

Triad

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



60.0787, 0.2694, 0.2860



60.0787, 0.3618, 0.3334



60.0787, 0.3079, 0.3687

Complementary

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



60.0787, 0.2694, 0.2860



70.7968, 0.3604, 0.3685

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.



60.0787, 0.3352, 0.3777



60.0787, 0.2694, 0.2860



60.0787, 0.3670, 0.3557

Square

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



60.0787, 0.2694, 0.2860



60.0787, 0.3426, 0.3110



60.0787, 0.3571, 0.3723



60.0787, 0.2827, 0.3474

Rectangle

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



60.0787, 0.2694, 0.2860



60.0787, 0.3064, 0.2893



60.0787, 0.3571, 0.3723



60.0787, 0.3171, 0.3733

Sweetspot

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



60.0811, 0.2694, 0.2860



89.1636, 0.3003, 0.3174



78.4423, 0.2885, 0.3614



18.6686, 0.2979, 0.3151



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.



60.0811, 0.2694, 0.2860



61.5830, 0.2604, 0.2760



48.2514, 0.2692, 0.2525



17.1044, 0.2980, 0.3152



9.3522, 0.1711, 0.1358



1.0221, 0.1778, 0.1601

Inverse Universe

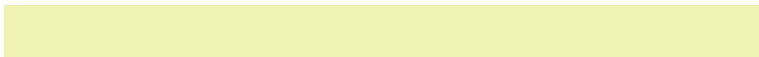
The Inverse Universe completely reimagines the original color for something new.



55.3154, 0.3459, 0.2989



55.8873, 0.3547, 0.2927



85.5926, 0.3502, 0.3967



16.6014, 0.3226, 0.3188



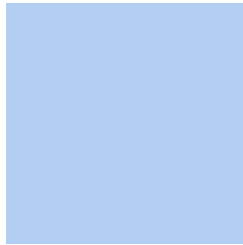
11.0435, 0.5247, 0.2664



0.9908, 0.4930, 0.2490

Previews

White Background



This preview shows how the Yxy color 60.0787, 0.2694, 0.2860 looks on a white background.

Color Contrast Check

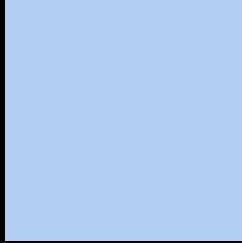
Large Text (above 18pt) WCAG AA × Fail

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 60.0787, 0.2694, 0.2860 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

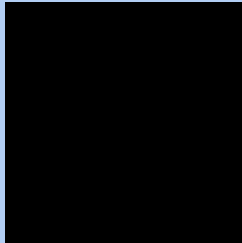
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

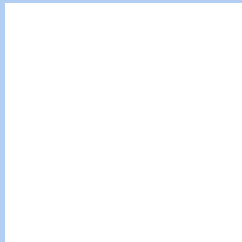
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 60.0787, 0.2694, 0.2860

Background



This preview shows how black text looks on a background with the Yxy color 60.0787, 0.2694, 0.2860.



This preview shows how white text looks on a background with the Yxy color 60.0787, 0.2694, 0.2860.

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

60.0787, 0.2694, 0.2860

Protanopia

59.8003, 0.2827, 0.2847

Deuteranopia

59.9960, 0.2836, 0.2778



Tritanopia

60.0906, 0.2772, 0.3085

Trichromacy



Original Color

60.0787, 0.2694, 0.2860

Protanomaly

59.8816, 0.2775, 0.2854

Deuteranomaly

60.1102, 0.2783, 0.2814

Tritanomaly

60.0519, 0.2741, 0.3004

Monochromacy



Original Color

60.0787, 0.2694, 0.2860

Achromatopsia

59.0619, 0.3127, 0.3290

Achromatomaly

59.0591, 0.2956, 0.3124

CSS Examples

Text

The CSS property to change the color of the text to Yxy 60.0787, 0.2694, 0.2860 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, 206, 243)` looks like.

```
.text, #text, p{  
    color:rgb(178, 206, 243)  
}
```

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, 206, 243) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(178, 206, 243) }
```

Border

The CSS property to change the border of an element to Yxy 60.0787, 0.2694, 0.2860 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, 206, 243) }
```

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

```
.border{ border-color:rgb(178, 206, 243) }
```

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

Here you see how a box with a 4 pixel `rgb(178, 206, 243)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(178, 206, 243); -webkit-box-  
shadow:4px 4px 4px 4px rgb(178, 206, 243);  
box-shadow:4px 4px 4px 4px rgb(178, 206,  
243) }
```


Background

The CSS property to change the background color of an element to Yxy 60.0787, 0.2694, 0.2860 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(178, 206, 243) }
```

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

```
.background{ background-color: rgb(178,  
206, 243) }
```

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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