

Converting Colors

Yxy(58.0017, 0.2649, 0.2764)

Have a look what the booklet for
Yxy(58.0017, 0.2649, 0.2764)
contains.

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Color

Yxy(58.0704, 0.2648, 0.2766)

Conversions

Conversions Part 1

Format	Color
Hex	AFCAF7
RGB	175, 202, 247
RGB Percent	69%, 79%, 97%
CMY	0.3136, 0.2079, 0.0313
CMYK	0.29, 0.18, 0.00, 0.03
HSL	218°, 82%, 83%
HSV	218°, 29%, 97%
XYZ	55.5931, 58.0704, 96.2801
YIQ	199.0570, -30.5370, 8.2710

Conversions

Conversions Part 2

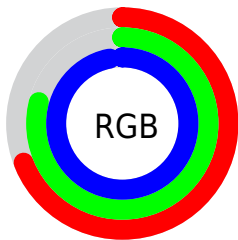
Format	Color
RYB	175, 195, 247
Decimal	11520759
CIELab	80.78, 1.00, -25.11
CIELCh	81, 25.127, 272.287
Yxy	58.0704, 0.2648, 0.2766
Android (android.graphics.Color)	4289710839 (0xFFAFCAF7)
YUV	199.0570, 23.6359, -21.0980
Hunter-Lab	76.2039, -3.1358, -21.5674

Details

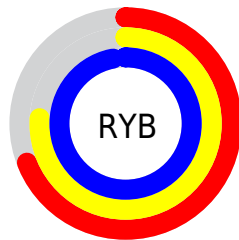
The Yxy color **58.0704, 0.2648, 0.2766** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **74.0785, 0.3642, 0.3763**, and the grayscale version is **57.0207, 0.3127, 0.3290**.

A 20% lighter version of the original color is **95.8958, 0.2987, 0.3290**, and **29.0063, 0.2527, 0.2630** is the 20% darker color. If you saturate the color by 10%, you get **48.5814, 0.2472, 0.2549**, and if you desaturate by 10%, it is **68.8122, 0.2820, 0.2965**.

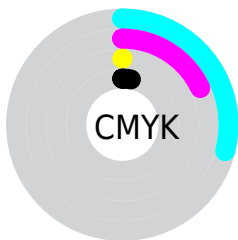
Distribution



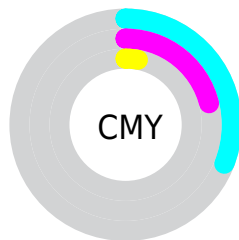
- Red (69%)
- Green (79%)
- Blue (97%)



- Red (69%)
- Yellow (76%)
- Blue (97%)



- Cyan (29%)
- Magenta (18%)
- Yellow (0%)
- Black (3%)



- Cyan (31%)
- Magenta (21%)
- Yellow (3%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 58.0704, 0.2648, 0.2766 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 58.0704, 0.2648, 0.2766 by changing the saturation by 10% instead.

■ 58.0704, 0.2648,
0.2766

■ 58.0704, 0.2648,
0.2766

417.4482, 0.2875,
0.3014

■ 41.8652, 0.2595,
0.2708

■ 102.0254, 0.2728,
0.2853

■ 28.9958, 0.2529,
0.2637

130.5440, 0.2759,
0.2886

■ 19.0776, 0.2445,
0.2546

163.9359, 0.2785,
0.2915

■ 11.7264, 0.2334,
0.2426

202.5854, 0.2808,
0.2940

■ 6.5577, 0.2183,
0.2263

246.8770, 0.2828,
0.2962

■ 3.1870, 0.1965,
0.2028

297.1951, 0.2846,

■ 1.2301, 0.1631,

0.2981

353.9240, 0.2861,
0.2999

0.1672

0.0861, 0.0454,
0.0368

0.0000, 0.0000,
0.0000

58.0704, 0.2648,
0.2766

58.0704, 0.2648,
0.2766

48.5814, 0.2472,
0.2549

68.8122, 0.2820,
0.2965

40.2887, 0.2296,
0.2317

80.8468, 0.2985,
0.3144

33.1410, 0.2127,
0.2075

94.2204, 0.3140,
0.3303

27.0802, 0.1973,
0.1830

99.4959, 0.3173,
0.3366

■ 22.0418, 0.1841,
0.1592

■ 17.9525, 0.1736,
0.1371

■ 14.7129, 0.1661,
0.1175

■ 14.4657, 0.1655,
0.1159

Harmonies

Analogous

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



58.0704, 0.2524, 0.2892



58.0704, 0.2648, 0.2766



58.0704, 0.2899, 0.2774

Triad

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



58.0704, 0.2648, 0.2766



58.0704, 0.3740, 0.3390



58.0704, 0.3007, 0.3728

Complementary

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



58.0704, 0.2648, 0.2766



74.0785, 0.3642, 0.3763

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.



58.0704, 0.3333, 0.3868



58.0704, 0.2648, 0.2766



58.0704, 0.3767, 0.3648

Square

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



58.0704, 0.2648, 0.2766



58.0704, 0.3537, 0.3123



58.0704, 0.3614, 0.3830



58.0704, 0.2723, 0.3451

Rectangle

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



58.0704, 0.2648, 0.2766



58.0704, 0.3113, 0.2848



58.0704, 0.3614, 0.3830



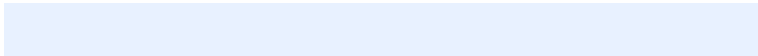
58.0704, 0.3115, 0.3794

Sweetspot

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



58.0727, 0.2648, 0.2766



87.0871, 0.2987, 0.3146



80.7802, 0.2846, 0.3605



18.2171, 0.2964, 0.3121



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.



58.0727, 0.2648, 0.2766



56.2344, 0.2544, 0.2640



47.5059, 0.2672, 0.2452



16.9440, 0.2980, 0.3138



7.9003, 0.1664, 0.1189



0.8850, 0.1733, 0.1437

Inverse Universe

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



54.7103, 0.3534, 0.3004



52.5740, 0.3649, 0.2944



87.9059, 0.3510, 0.4035



16.5852, 0.3235, 0.3202



10.8969, 0.5482, 0.2793



0.9770, 0.5141, 0.2606

Previews

White Background



This preview shows how the Yxy color 58.0704, 0.2648, 0.2766 looks on a white background.

Color Contrast Check

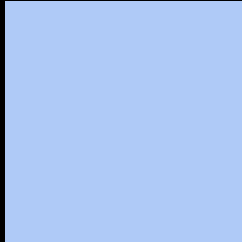
Large Text (above 18pt) WCAG AA × Fail

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 58.0704, 0.2648, 0.2766 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

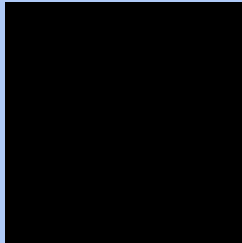
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

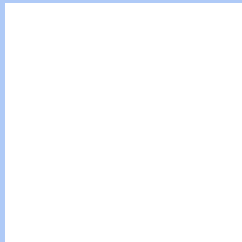
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 58.0704, 0.2648, 0.2766

Background



This preview shows how black text looks on a background with the Yxy color 58.0704, 0.2648, 0.2766.



This preview shows how white text looks on a background with the Yxy color 58.0704, 0.2648, 0.2766.

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

58.0704, 0.2648, 0.2766

Protanopia

57.8670, 0.2759, 0.2764

Deuteranopia

57.8593, 0.2767, 0.2705



Tritanopia

58.0164, 0.2761, 0.3082

Trichromacy



Original Color

58.0704, 0.2648, 0.2766

Protanomaly

57.7537, 0.2720, 0.2761

Deuteranomaly

57.8568, 0.2722, 0.2721

Tritanomaly

58.2595, 0.2719, 0.2966

Monochromacy



Original Color

58.0704, 0.2648, 0.2766

Achromatopsia

57.1125, 0.3127, 0.3290

Achromatomaly

57.2136, 0.2940, 0.3099

CSS Examples

Text

The CSS property to change the color of the text to Yxy 58.0704, 0.2648, 0.2766 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(175, 202, 247)` looks like.

```
.text, #text, p{  
    color:rgb(175, 202, 247)  
}
```

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(175, 202, 247) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(175, 202, 247) }
```

Border

The CSS property to change the border of an element to Yxy 58.0704, 0.2648, 0.2766 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(175, 202, 247) }
```

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

```
.border{ border-color:rgb(175, 202, 247) }
```

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

Here you see how a box with a 4 pixel `rgb(175, 202, 247)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(175, 202, 247); -webkit-box-shadow:4px 4px 4px 4px rgb(175, 202, 247); box-shadow:4px 4px 4px 4px rgb(175, 202, 247) }
```


Background

The CSS property to change the background color of an element to Yxy 58.0704, 0.2648, 0.2766 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(175, 202, 247) }
```

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

```
.background{ background-color: rgb(175,  
202, 247) }
```

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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