

Converting Colors

Yxy(60.2147, 0.2585, 0.2732)

Have a look what the booklet for
Yxy(60.2147, 0.2585, 0.2732)
contains.

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Color

Yxy(60.0205, 0.2586, 0.2727)

Conversions

Conversions Part 1

Format	Color
Hex	ABCEFF
RGB	171, 206, 255
RGB Percent	67%, 81%, 100%
CMY	0.3292, 0.1922, 0.0002
CMYK	0.33, 0.19, 0.00, 0.00
HSL	215°, 100%, 84%
HSV	215°, 33%, 100%
XYZ	56.9171, 60.0205, 103.1595
YIQ	201.1210, -36.5890, 7.8190

Conversions

Conversions Part 2

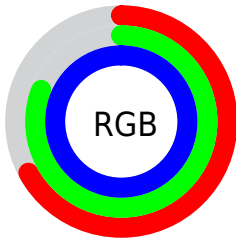
Format	Color
R _Y B	171, 196, 255
Decimal	11259647
CIE Lab	81.85, -0.32, -27.73
CIE LCh	82, 27.729, 269.335
Yxy	60.0205, 0.2586, 0.2727
Android (android.graphics.Color)	4289449727 (0xFFABCEFF)
YUV	201.1210, 26.5623, -26.4161
Hunter-Lab	77.4729, -4.4387, -24.7170

Details

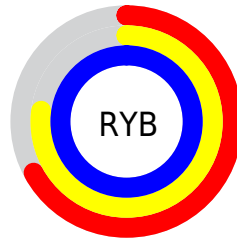
The Yxy color **60.0205, 0.2586, 0.2727** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **75.3836, 0.3732, 0.3793**, and the grayscale version is **58.3418, 0.3127, 0.3290**.

A 20% lighter version of the original color is **95.2340, 0.2964, 0.3290**, and **30.2467, 0.2454, 0.2593** is the 20% darker color. If you saturate the color by 10%, you get **50.6029, 0.2413, 0.2519**, and if you desaturate by 10%, it is **70.6729, 0.2758, 0.2919**.

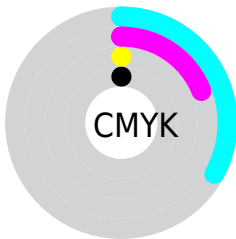
Distribution



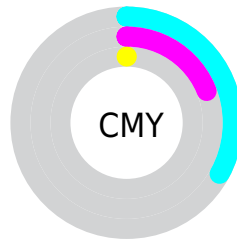
- Red (67%)
- Green (81%)
- Blue (100%)



- Red (67%)
- Yellow (77%)
- Blue (100%)



- Cyan (33%)
- Magenta (19%)
- Yellow (0%)
- Black (0%)



- Cyan (33%)
- Magenta (19%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 60.0205, 0.2586, 0.2727 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 60.0205, 0.2586, 0.2727 by changing the saturation by 10% instead.

■ 60.0205, 0.2586,
0.2727

■ 60.0205, 0.2586,
0.2727

424.6733, 0.2840,
0.2992

■ 43.4352, 0.2527,
0.2666

■ 104.8594, 0.2675,
0.2819

■ 30.2267, 0.2455,
0.2590

133.8818, 0.2709,
0.2855

■ 20.0107, 0.2363,
0.2495

167.8186, 0.2739,
0.2886

■ 12.4028, 0.2244,
0.2370

207.0542, 0.2764,
0.2913

■ 7.0187, 0.2082,
0.2201

251.9732, 0.2787,
0.2936

■ 3.4738, 0.1855,
0.1963

302.9597, 0.2807,

■ 1.3838, 0.1517,

0.2957

0.1609

360.3983, 0.2824,
0.2975

0.2047, 0.0599,
0.0657

0.0000, 0.0000,
0.0000

60.0205, 0.2586,
0.2727

60.0205, 0.2586,
0.2727

50.6029, 0.2413,
0.2519

70.6729, 0.2758,
0.2919

42.3625, 0.2245,
0.2299

82.6003, 0.2924,
0.3092

35.2470, 0.2086,
0.2070

95.8498, 0.3083,
0.3248

29.1964, 0.1945,
0.1840

99.9975, 0.3127,
0.3290

■ 24.1435, 0.1827,
0.1618

■ 20.0103, 0.1737,
0.1411

■ 17.5681, 0.1688,
0.1277

Harmonies

Analogous

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



60.0205, 0.2468, 0.2876



60.0205, 0.2586, 0.2727



60.0205, 0.2846, 0.2723

Triad

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



60.0205, 0.2586, 0.2727



60.0205, 0.3783, 0.3367



60.0205, 0.3029, 0.3794

Complementary

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



60.0205, 0.2586, 0.2727



75.3836, 0.3732, 0.3793

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.



60.0205, 0.3384, 0.3927



60.0205, 0.2586, 0.2727



60.0205, 0.3832, 0.3652

Square

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



60.0205, 0.2586, 0.2727



60.0205, 0.3545, 0.3081



60.0205, 0.3681, 0.3864



60.0205, 0.2712, 0.3499

Rectangle

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



60.0205, 0.2586, 0.2727



60.0205, 0.3075, 0.2795



60.0205, 0.3681, 0.3864



60.0205, 0.3147, 0.3860

Sweetspot

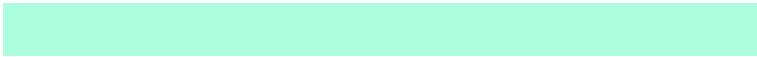
The Sweet Spot groups the original color and five complimentary colors.



60.0228, 0.2586, 0.2727



86.3525, 0.2971, 0.3140



85.3253, 0.2828, 0.3685



18.0956, 0.2949, 0.3117



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.



60.0228, 0.2586, 0.2727



54.1649, 0.2481, 0.2602



45.8289, 0.2581, 0.2320



18.6209, 0.2979, 0.3148



9.4612, 0.1697, 0.1308



1.1310, 0.1758, 0.1530

Inverse Universe

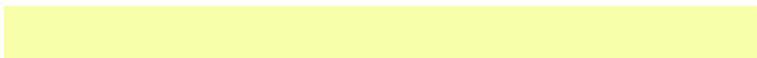
The Inverse Universe completely reimagines the original color for something new.



54.8510, 0.3575, 0.2929



48.9163, 0.3692, 0.2861



94.3881, 0.3578, 0.4128



18.1126, 0.3228, 0.3191



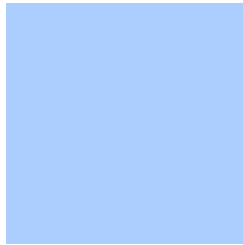
11.6831, 0.5316, 0.2702



1.1587, 0.5021, 0.2540

Previews

White Background



This preview shows how the Yxy color 60.0205, 0.2586, 0.2727 looks on a white background.

Color Contrast Check

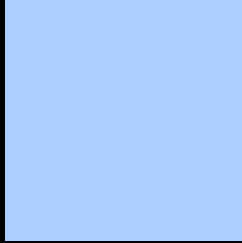
Large Text (above 18pt) WCAG AA × Fail

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 60.0205, 0.2586, 0.2727 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

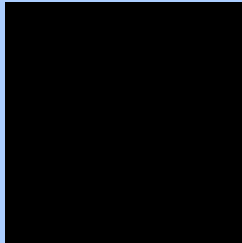
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

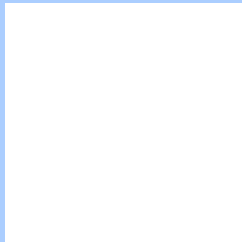
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 60.0205, 0.2586, 0.2727

Background



This preview shows how black text looks on a background with the Yxy color 60.0205, 0.2586, 0.2727.



This preview shows how white text looks on a background with the Yxy color 60.0205, 0.2586, 0.2727.

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

60.0205, 0.2586, 0.2727

Protanopia

59.8147, 0.2727, 0.2728

Deuteranopia

59.6689, 0.2728, 0.2669



Tritanopia

60.1893, 0.2705, 0.3083

Trichromacy



Original Color

60.0205, 0.2586, 0.2727

Protanomaly

59.9305, 0.2678, 0.2734

Deuteranomaly

59.9002, 0.2672, 0.2694

Tritanomaly

59.9895, 0.2658, 0.2944

Monochromacy



Original Color

60.0205, 0.2586, 0.2727

Achromatopsia

58.4078, 0.3127, 0.3290

Achromatomaly

58.8795, 0.2908, 0.3077

CSS Examples

Text

The CSS property to change the color of the text to Yxy 60.0205, 0.2586, 0.2727 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(171, 206, 255)` looks like.

```
.text, #text, p{  
    color:rgb(171, 206, 255)  
}
```

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(171, 206, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(171, 206, 255) }
```

Border

The CSS property to change the border of an element to Yxy 60.0205, 0.2586, 0.2727 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(171, 206, 255) }
```

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

```
.border{ border-color:rgb(171, 206, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(171, 206, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(171, 206, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(171, 206, 255);  
box-shadow:4px 4px 4px 4px rgb(171, 206,  
255) }
```


Background

The CSS property to change the background color of an element to Yxy 60.0205, 0.2586, 0.2727 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(171, 206, 255) }
```

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

```
.background{ background-color: rgb(171,  
206, 255) }
```

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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