

Converting Colors

$Yxy(59.2339, 0.2701, 0.2955)$

Have a look what the booklet for
Yxy(59.2339, 0.2701, 0.2955)
contains.

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Color

Yxy(59.2817, 0.2697, 0.2956)

Conversions

Conversions Part 1

Format	Color
Hex	ABCFEB
RGB	171, 207, 235
RGB Percent	67%, 81%, 92%
CMY	0.3297, 0.1881, 0.0785
CMYK	0.27, 0.12, 0.00, 0.08
HSL	206°, 62%, 80%
HSV	206°, 27%, 92%
XYZ	54.0875, 59.2817, 87.1778
YIQ	199.4280, -30.4440, 1.0760

Conversions

Conversions Part 2

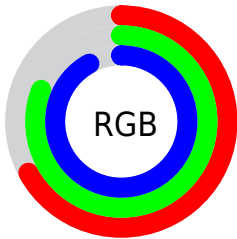
Format	Color
R_{YB}	171, 194, 235
Decimal	11259883
CIE _{Lab}	81.45, -5.69, -17.70
CIE _{LCh}	81, 18.595, 252.190
Yxy	59.2817, 0.2697, 0.2956
Android (android.graphics.Color)	4289449963 (0xFFABC FEB)
YUV	199.4280, 17.5370, -24.9314
Hunter-Lab	76.9946, -9.3471, -13.2354

Details

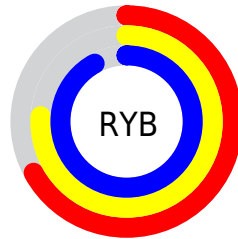
The Yxy color **59.2817, 0.2697, 0.2956** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **61.3890, 0.3637, 0.3602**, and the grayscale version is **57.2858, 0.3127, 0.3290**.

A 20% lighter version of the original color is **95.0709, 0.2958, 0.3290**, and **29.8190, 0.2591, 0.2876** is the 20% darker color. If you saturate the color by 10%, you get **52.0673, 0.2538, 0.2811**, and if you desaturate by 10%, it is **67.2927, 0.2857, 0.3089**.

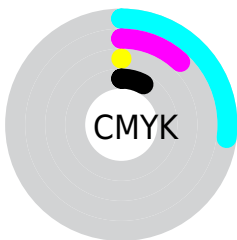
Distribution



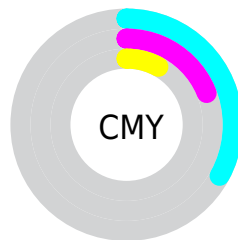
- Red (67%)
- Green (81%)
- Blue (92%)



- Red (67%)
- Yellow (76%)
- Blue (92%)



- Cyan (27%)
- Magenta (12%)
- Yellow (0%)
- Black (8%)



- Cyan (33%)
- Magenta (19%)
- Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 59.2817, 0.2697, 0.2956 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 59.2817, 0.2697, 0.2956 by changing the saturation by 10% instead.

■ 59.2817, 0.2697,
0.2956

■ 59.2817, 0.2697,
0.2956

421.9451, 0.2900,
0.3117

■ 42.8399, 0.2650,
0.2918

■ 103.7870, 0.2768,
0.3013

■ 29.7595, 0.2591,
0.2870

132.6193, 0.2796,
0.3035

■ 19.6561, 0.2515,
0.2808

166.3505, 0.2820,
0.3054

■ 12.1453, 0.2416,
0.2725

205.3651, 0.2840,
0.3070

■ 6.8427, 0.2278,
0.2609

250.0475, 0.2858,
0.3084

■ 3.3639, 0.2079,
0.2435

300.7820, 0.2874,

■ 1.3246, 0.1765,

0.3096

0.2153

357.9531, 0.2888,
0.3107

0.1601, 0.0080,
0.0965

0.0000, 0.0000,
0.0000

59.2817, 0.2697,
0.2956

59.2817, 0.2697,
0.2956

52.0673, 0.2538,
0.2811

67.2927, 0.2857,
0.3089

45.6113, 0.2384,
0.2655

76.1221, 0.3015,
0.3210

39.8829, 0.2240,
0.2490

85.7994, 0.3169,
0.3318

34.8453, 0.2110,
0.2320

94.4216, 0.3250,
0.3417

■ 30.4579, 0.1998,
0.2149

■ 98.7774, 0.3244,
0.3483

■ 26.6735, 0.1909,
0.1979

■ 23.4326, 0.1842,
0.1816

■ 22.6167, 0.1826,
0.1772

Harmonies

Analogous

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



59.2817, 0.2679, 0.3115



59.2817, 0.2697, 0.2956



59.2817, 0.2825, 0.2891

Triad

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



59.2817, 0.2697, 0.2956



59.2817, 0.3489, 0.3233



59.2817, 0.3203, 0.3689

Complementary

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



59.2817, 0.2697, 0.2956



61.3890, 0.3637, 0.3602

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.



59.2817, 0.3427, 0.3709



59.2817, 0.2697, 0.2956



59.2817, 0.3597, 0.3436

Square

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



59.2817, 0.2697, 0.2956



59.2817, 0.3281, 0.3050



59.2817, 0.3574, 0.3611



59.2817, 0.2965, 0.3550

Rectangle

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



59.2817, 0.2697, 0.2956



59.2817, 0.2960, 0.2904



59.2817, 0.3574, 0.3611



59.2817, 0.3283, 0.3710

Sweetspot

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



59.2841, 0.2697, 0.2956



90.7845, 0.3003, 0.3201



72.1665, 0.2930, 0.3726



19.0765, 0.2979, 0.3184



0.0000, 0.0000, 0.0000



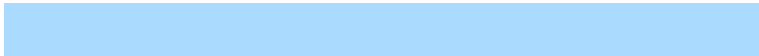
21.4041, 0.3127, 0.3290

Same Dimension

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



59.2841, 0.2697, 0.2956



66.1460, 0.2603, 0.2872



45.3804, 0.2657, 0.2558



15.9575, 0.2981, 0.3185



12.8475, 0.1833, 0.1797



1.1998, 0.1895, 0.2023

Inverse Universe

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



51.2614, 0.3392, 0.2894



55.4055, 0.3467, 0.2806



77.5896, 0.3550, 0.3929



15.1963, 0.3205, 0.3158



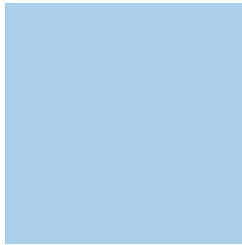
10.7898, 0.4689, 0.2356



0.8665, 0.4427, 0.2212

Previews

White Background



This preview shows how the Yxy color 59.2817, 0.2697, 0.2956 looks on a white background.

Color Contrast Check

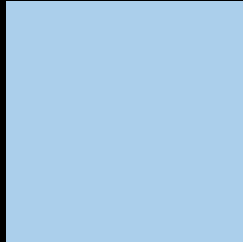
Large Text (above 18pt) WCAG AA × Fail

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 59.2817, 0.2697, 0.2956 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

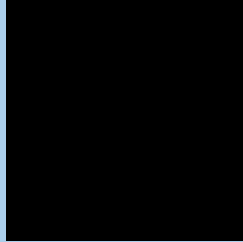
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

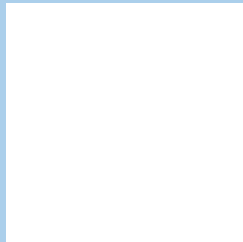
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 59.2817, 0.2697, 0.2956

Background



This preview shows how black text looks on a background with the Yxy color 59.2817, 0.2697, 0.2956.



This preview shows how white text looks on a background with the Yxy color 59.2817, 0.2697, 0.2956.

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

59.2817, 0.2697, 0.2956

Protanopia

58.9484, 0.2891, 0.2933

Deuteranopia

59.0261, 0.2908, 0.2841



Tritanopia

59.4722, 0.2745, 0.3095

Trichromacy



Original Color

59.2817, 0.2697, 0.2956

Protanomaly

59.2294, 0.2823, 0.2951

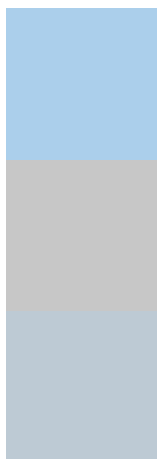
Deuteranomaly

59.1669, 0.2832, 0.2888

Tritanomaly

59.3149, 0.2727, 0.3036

Monochromacy



Original Color

59.2817, 0.2697, 0.2956

Achromatopsia

57.1125, 0.3127, 0.3290

Achromatomaly

57.8133, 0.2960, 0.3170

CSS Examples

Text

The CSS property to change the color of the text to Yxy 59.2817, 0.2697, 0.2956 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, 207, 235)` looks like.

```
.text, #text, p{  
    color:rgb(171, 207, 235)  
}
```

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, 207, 235) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(171, 207, 235) }
```

Border

The CSS property to change the border of an element to Yxy 59.2817, 0.2697, 0.2956 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, 207, 235) }
```

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

```
.border{ border-color:rgb(171, 207, 235) }
```

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

Here you see how a box with a 4 pixel rgb(171, 207, 235) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(171, 207, 235); -webkit-box-  
shadow:4px 4px 4px 4px rgb(171, 207, 235);  
box-shadow:4px 4px 4px 4px rgb(171, 207,  
235) }
```


Background

The CSS property to change the background color of an element to Yxy 59.2817, 0.2697, 0.2956 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(171, 207, 235) }
```

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

```
.background{ background-color: rgb(171,  
207, 235) }
```

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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