

Converting Colors

$Yxy(57.1342, 0.2709, 0.2900)$

Have a look what the booklet for
Yxy(57.1342, 0.2709, 0.2900)
contains.

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Color

Yxy(57.1235, 0.2704, 0.2895)

Conversions

Conversions Part 1

Format	Color
Hex	ADCAEB
RGB	173, 202, 235
RGB Percent	68%, 79%, 92%
CMY	0.3215, 0.2079, 0.0783
CMYK	0.26, 0.14, 0.00, 0.08
HSL	212°, 61%, 80%
HSV	212°, 26%, 92%
XYZ	53.3547, 57.1235, 86.8396
YIQ	197.0910, -27.8770, 4.1150

Conversions

Conversions Part 2

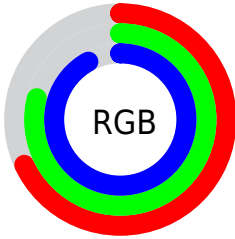
Format	Color
R_{YB}	173, 193, 235
Decimal	11389675
CIE _{Lab}	80.25, -2.41, -19.53
CIE _{LCh}	80, 19.675, 262.974
Yxy	57.1235, 0.2704, 0.2895
Android (android.graphics.Color)	4289579755 (0xFFADCAEB)
YUV	197.0910, 18.6891, -21.1278
Hunter-Lab	75.5801, -6.2555, -15.2166

Details

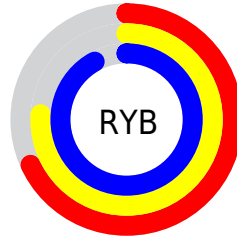
The Yxy color **57.1235, 0.2704, 0.2895** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **64.8523, 0.3601, 0.3655**, and the grayscale version is **55.7932, 0.3127, 0.3290**.

A 20% lighter version of the original color is **95.3980, 0.2970, 0.3290**, and **28.3564, 0.2596, 0.2796** is the 20% darker color. If you saturate the color by 10%, you get **49.0391, 0.2537, 0.2717**, and if you desaturate by 10%, it is **66.1605, 0.2869, 0.3058**.

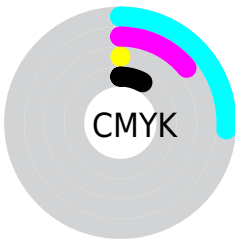
Distribution



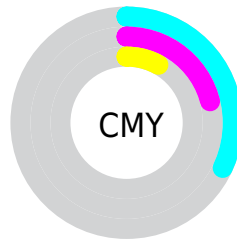
- Red (68%)
- Green (79%)
- Blue (92%)



- Red (68%)
- Yellow (76%)
- Blue (92%)



- Cyan (26%)
- Magenta (14%)
- Yellow (0%)
- Black (8%)



- Cyan (32%)
- Magenta (21%)
- Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 57.1235, 0.2704, 0.2895 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 57.1235, 0.2704, 0.2895 by changing the saturation by 10% instead.

■ 57.1235, 0.2704,
0.2895

■ 57.1235, 0.2704,
0.2895

413.9119, 0.2906,
0.3085

■ 41.1044, 0.2657,
0.2850

■ 100.6454, 0.2775,
0.2962

■ 28.4007, 0.2597,
0.2794

128.9169, 0.2802,
0.2988

■ 18.6279, 0.2522,
0.2721

162.0414, 0.2826,
0.3010

■ 11.4017, 0.2421,
0.2624

200.4033, 0.2846,
0.3029

■ 6.3377, 0.2281,
0.2489

244.3868, 0.2864,
0.3046

■ 3.0515, 0.2077,
0.2289

294.3766, 0.2879,

■ 1.1587, 0.1752,

0.3060

0.1967

350.7568, 0.2893,
0.3073

0.0276, 0.0000,
0.0185

0.0000, 0.0000,
0.0000

57.1235, 0.2704,
0.2895

57.1235, 0.2704,
0.2895

49.0391, 0.2537,
0.2717

66.1605, 0.2869,
0.3058

41.8643, 0.2371,
0.2525

76.1769, 0.3029,
0.3205

35.5630, 0.2213,
0.2322

87.2069, 0.3181,
0.3335

30.0931, 0.2067,
0.2113

96.9287, 0.3246,
0.3455

■ 25.4082, 0.1940,
0.1904

■ 98.7804, 0.3244,
0.3483

■ 21.4556, 0.1836,
0.1700

■ 18.1718, 0.1759,
0.1510

■ 17.1189, 0.1735,
0.1444

Harmonies

Analogous

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



57.1235, 0.2641, 0.3031



57.1235, 0.2704, 0.2895



57.1235, 0.2877, 0.2865

Triad

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



57.1235, 0.2704, 0.2895



57.1235, 0.3572, 0.3306



57.1235, 0.3114, 0.3679

Complementary

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



57.1235, 0.2704, 0.2895



64.8523, 0.3601, 0.3655

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.



57.1235, 0.3368, 0.3748



57.1235, 0.2704, 0.2895



57.1235, 0.3639, 0.3518

Square

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



57.1235, 0.2704, 0.2895



57.1235, 0.3380, 0.3098



57.1235, 0.3562, 0.3683



57.1235, 0.2871, 0.3491

Rectangle

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



57.1235, 0.2704, 0.2895



57.1235, 0.3037, 0.2904



57.1235, 0.3562, 0.3683



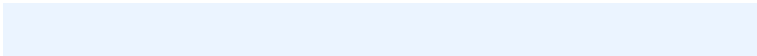
57.1235, 0.3201, 0.3717

Sweetspot

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



57.1258, 0.2704, 0.2895



89.5962, 0.3003, 0.3182



72.7346, 0.2906, 0.3646



18.7773, 0.2979, 0.3160



0.0000, 0.0000, 0.0000



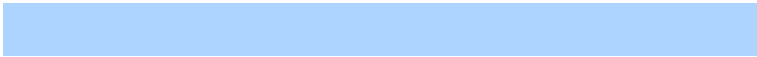
21.4041, 0.3127, 0.3290

Same Dimension

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



57.1258, 0.2704, 0.2895



63.0051, 0.2608, 0.2794



44.8942, 0.2677, 0.2535



15.7095, 0.2980, 0.3161



9.7746, 0.1743, 0.1473



0.9585, 0.1815, 0.1734

Inverse Universe

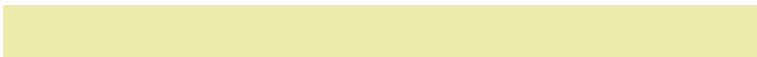
The Inverse Universe completely reimagines the original color for something new.



51.8232, 0.3433, 0.2971



56.0308, 0.3522, 0.2898



79.9496, 0.3518, 0.3951



15.1712, 0.3220, 0.3180



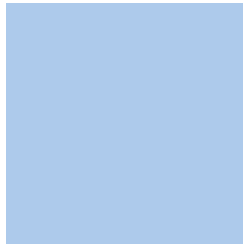
10.4796, 0.5094, 0.2580



0.8422, 0.4765, 0.2399

Previews

White Background



This preview shows how the Yxy color 57.1235, 0.2704, 0.2895 looks on a white background.

Color Contrast Check

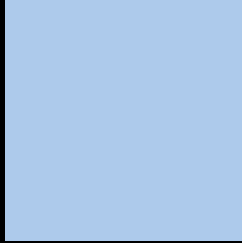
Large Text (above 18pt) WCAG AA × Fail

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 57.1235, 0.2704, 0.2895 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

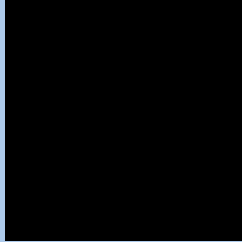
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

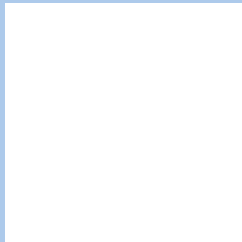
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 57.1235, 0.2704, 0.2895

Background



This preview shows how black text looks on a background with the Yxy color 57.1235, 0.2704, 0.2895.



This preview shows how white text looks on a background with the Yxy color 57.1235, 0.2704, 0.2895.

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

57.1235, 0.2704, 0.2895

Protanopia

56.9652, 0.2848, 0.2883

Deuteranopia

56.8401, 0.2864, 0.2800



Tritanopia

56.9522, 0.2771, 0.3081

Trichromacy



Original Color

57.1235, 0.2704, 0.2895

Protanomaly

57.0443, 0.2794, 0.2890

Deuteranomaly

56.9358, 0.2808, 0.2838

Tritanomaly

56.8608, 0.2746, 0.3010

Monochromacy



Original Color

57.1235, 0.2704, 0.2895

Achromatopsia

55.8340, 0.3127, 0.3290

Achromatomaly

56.2414, 0.2959, 0.3145

CSS Examples

Text

The CSS property to change the color of the text to Yxy 57.1235, 0.2704, 0.2895 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(173, 202, 235)` looks like.

```
.text, #text, p{  
    color:rgb(173, 202, 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(173, 202, 235) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(173, 202, 235) }
```

Border

The CSS property to change the border of an element to Yxy 57.1235, 0.2704, 0.2895 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(173, 202, 235) }
```

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

```
.border{ border-color:rgb(173, 202, 235) }
```

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

Here you see how a box with a 4 pixel `rgb(173, 202, 235)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(173, 202, 235); -webkit-box-shadow:4px 4px 4px 4px rgb(173, 202, 235); box-shadow:4px 4px 4px 4px rgb(173, 202, 235) }
```


Background

The CSS property to change the background color of an element to Yxy 57.1235, 0.2704, 0.2895 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(173, 202, 235) }
```

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

```
.background{ background-color: rgb(173,  
202, 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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