

Converting Colors

$Yxy(56.7263, 0.2598, 0.2635)$

Have a look what the booklet for
Yxy(56.7263, 0.2598, 0.2635)
contains.

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Color

Yxy(56.7221, 0.2598, 0.2635)

Conversions

Conversions Part 1

Format	Color
Hex	AFC6FF
RGB	175, 198, 255
RGB Percent	69%, 78%, 100%
CMY	0.3137, 0.2235, 0.0000
CMYK	0.31, 0.22, 0.00, 0.00
HSL	223°, 100%, 84%
HSV	223°, 31%, 100%
XYZ	55.9256, 56.7221, 102.6164
YIQ	197.6210, -32.0050, 12.8510

Conversions

Conversions Part 2

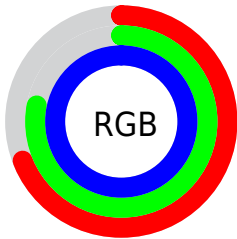
Format	Color
R_{YB}	175, 193, 255
Decimal	11519743
CIE Lab	80.02, 5.09, -30.53
CIE LCh	80, 30.951, 279.462
Yxy	56.7221, 0.2598, 0.2635
Android (android.graphics.Color)	4289709823 (0xFFAFC6FF)
YUV	197.6210, 28.2878, -19.8386
Hunter-Lab	75.3141, 0.7483, -28.0635

Details

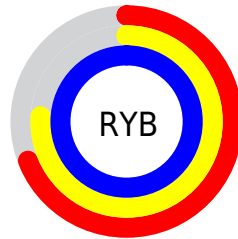
The Yxy color **56.7221, 0.2598, 0.2635** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **82.0744, 0.3668, 0.3868**, and the grayscale version is **56.0715, 0.3127, 0.3290**.

A 20% lighter version of the original color is **95.8958, 0.2987, 0.3290**, and **28.0168, 0.2464, 0.2473** is the 20% darker color. If you saturate the color by 10%, you get **46.2315, 0.2412, 0.2382**, and if you desaturate by 10%, it is **68.7695, 0.2778, 0.2868**.

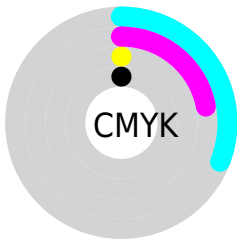
Distribution



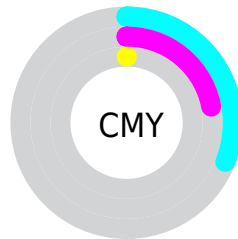
- Red (69%)
- Green (78%)
- Blue (100%)



- Red (69%)
- Yellow (76%)
- Blue (100%)



- Cyan (31%)
- Magenta (22%)
- Yellow (0%)
- Black (0%)



- Cyan (31%)
- Magenta (22%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 56.7221, 0.2598, 0.2635 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 56.7221, 0.2598, 0.2635 by changing the saturation by 10% instead.

■ 56.7221, 0.2598,
0.2635

■ 56.7221, 0.2598,
0.2635

412.4072, 0.2850,
0.2942

■ 40.7822, 0.2539,
0.2565

■ 100.0596, 0.2686,
0.2742

■ 28.1489, 0.2466,
0.2478

128.2259, 0.2721,
0.2783

■ 18.4379, 0.2373,
0.2368

161.2365, 0.2750,
0.2819

■ 11.2649, 0.2252,
0.2225

199.4758, 0.2775,
0.2850

■ 6.2453, 0.2086,
0.2034

243.3281, 0.2797,
0.2877

■ 2.9948, 0.1850,
0.1767

293.1778, 0.2817,

■ 1.1290, 0.1497,

0.2901

0.1379

349.4094, 0.2834,
0.2923

0.0025, 0.0451,
0.0009

0.0000, 0.0000,
0.0000

56.7221, 0.2598,
0.2635

56.7221, 0.2598,
0.2635

46.2315, 0.2412,
0.2382

68.7695, 0.2778,
0.2868

37.2265, 0.2226,
0.2113

82.4313, 0.2948,
0.3079

29.6369, 0.2049,
0.1838

97.7680, 0.3107,
0.3266

23.3845, 0.1888,
0.1567

100.0000, 0.3127,
0.3290

■ 18.3824, 0.1754,
0.1315

■ 14.5313, 0.1654,
0.1095

■ 12.0233, 0.1594,
0.0937

Harmonies

Analogous

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



56.7221, 0.2408, 0.2744



56.7221, 0.2598, 0.2635



56.7221, 0.2934, 0.2685

Triad

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



56.7221, 0.2598, 0.2635



56.7221, 0.3919, 0.3485



56.7221, 0.2882, 0.3770

Complementary

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



56.7221, 0.2598, 0.2635



82.0744, 0.3668, 0.3868

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.



56.7221, 0.3281, 0.3995



56.7221, 0.2598, 0.2635



56.7221, 0.3893, 0.3790

Square

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



56.7221, 0.2598, 0.2635



56.7221, 0.3714, 0.3156



56.7221, 0.3654, 0.3990



56.7221, 0.2562, 0.3393

Rectangle

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



56.7221, 0.2598, 0.2635



56.7221, 0.3206, 0.2797



56.7221, 0.3654, 0.3990



56.7221, 0.3011, 0.3868

Sweetspot

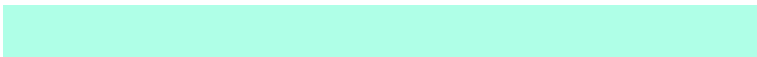
The Sweet Spot groups the original color and five complimentary colors.



56.7236, 0.2598, 0.2635



85.9102, 0.2987, 0.3125



86.4049, 0.2793, 0.3556



17.9285, 0.2963, 0.3097



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.



56.7236, 0.2598, 0.2635



49.5962, 0.2475, 0.2469



48.9615, 0.2677, 0.2388



18.2280, 0.2979, 0.3116



6.5019, 0.1601, 0.0964



0.8105, 0.1662, 0.1181

Inverse Universe

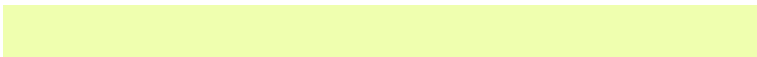
The Inverse Universe completely reimagines the original color for something new.



56.0013, 0.3639, 0.3052



49.2909, 0.3795, 0.3000



92.9667, 0.3494, 0.4106



18.0729, 0.3249, 0.3222



11.3843, 0.5813, 0.2976



1.1264, 0.5493, 0.2799

Previews

White Background



This preview shows how the Yxy color 56.7221, 0.2598, 0.2635 looks on a white background.

Color Contrast Check

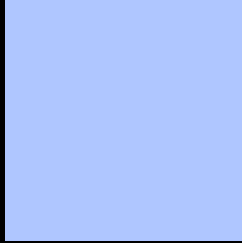
Large Text (above 18pt) WCAG AA × Fail

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 56.7221, 0.2598, 0.2635 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

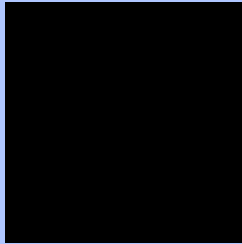
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

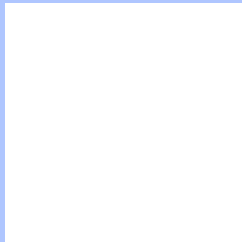
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 56.7221, 0.2598, 0.2635

Background



This preview shows how black text looks on a background with the Yxy color 56.7221, 0.2598, 0.2635.



This preview shows how white text looks on a background with the Yxy color 56.7221, 0.2598, 0.2635.

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

56.7221, 0.2598, 0.2635

Protanopia

56.6390, 0.2657, 0.2641

Deuteranopia

56.8150, 0.2671, 0.2614



Tritanopia

56.6217, 0.2751, 0.3079

Trichromacy



Original Color

56.7221, 0.2598, 0.2635

Protanomaly

56.7916, 0.2634, 0.2639

Deuteranomaly

56.7671, 0.2646, 0.2620

Tritanomaly

56.6703, 0.2697, 0.2916

Monochromacy



Original Color

56.7221, 0.2598, 0.2635

Achromatopsia

56.4712, 0.3127, 0.3290

Achromatomaly

56.4498, 0.2919, 0.3039

CSS Examples

Text

The CSS property to change the color of the text to Yxy 56.7221, 0.2598, 0.2635 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, 198, 255)` looks like.

```
.text, #text, p{  
    color:rgb(175, 198, 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(175, 198, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(175, 198, 255) }
```

Border

The CSS property to change the border of an element to Yxy 56.7221, 0.2598, 0.2635 is called "border". The border property can be set on classes, ids or directly on the HTML element.

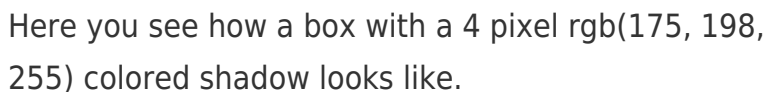
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(175, 198, 255) }
```

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

```
.border{ border-color:rgb(175, 198, 255) }
```

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



Here you see how a box with a 4 pixel `rgb(175, 198, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(175, 198, 255); -webkit-box-shadow:4px 4px 4px 4px rgb(175, 198, 255); box-shadow:4px 4px 4px 4px rgb(175, 198, 255) }
```


Background

The CSS property to change the background color of an element to Yxy 56.7221, 0.2598, 0.2635 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(175, 198, 255) }
```

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

```
.background{ background-color: rgb(175,  
198, 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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