

Converting Colors

Yxy(56.6549, 0.2681, 0.2703)

Have a look what the booklet for
Yxy(56.6549, 0.2681, 0.2703)
contains.

Yxy(56.6549, 0.2681, 0.2703)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(56.6549, 0.2681, 0.2703)

Conversions

Conversions Part 1

Format	Color
Hex	B6C5F8
RGB	182, 197, 248
RGB Percent	71%, 77%, 97%
CMY	0.2863, 0.2274, 0.0276
CMYK	0.27, 0.21, 0.00, 0.03
HSL	226°, 82%, 84%
HSV	226°, 27%, 97%
XYZ	56.1938, 56.6549, 96.7514
YIQ	198.3290, -25.3110, 12.6810

Conversions

Conversions Part 2

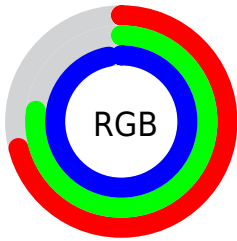
Format	Color
R _Y B	182, 194, 248
Decimal	11978232
CIE Lab	79.99, 5.92, -26.79
CIE LCh	80, 27.433, 282.464
Yxy	56.6549, 0.2681, 0.2703
Android (android.graphics.Color)	4290168312 (0xFFB6C5F8)
YUV	198.3290, 24.4878, -14.3205
Hunter-Lab	75.2694, 1.5409, -23.5228

Details

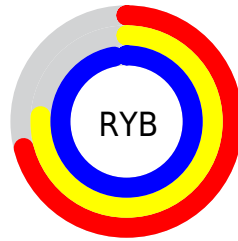
The Yxy color **56.6549, 0.2681, 0.2703** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **81.5708, 0.3567, 0.3815**, and the grayscale version is **56.5416, 0.3127, 0.3290**.

A 20% lighter version of the original color is **96.4543, 0.3029, 0.3280**, and **27.9957, 0.2573, 0.2561** is the 20% darker color. If you saturate the color by 10%, you get **45.7490, 0.2492, 0.2438**, and if you desaturate by 10%, it is **69.2046, 0.2860, 0.2945**.

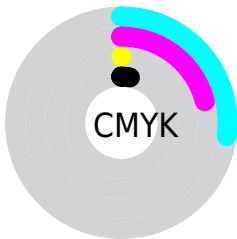
Distribution



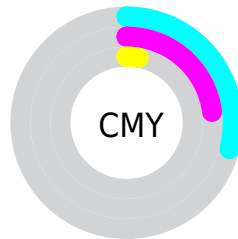
- Red (71%)
- Green (77%)
- Blue (97%)



- Red (71%)
- Yellow (76%)
- Blue (97%)



- Cyan (27%)
- Magenta (21%)
- Yellow (0%)
- Black (3%)



- Cyan (29%)
- Magenta (23%)
- Yellow (3%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 56.6549, 0.2681, 0.2703 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 56.6549, 0.2681, 0.2703 by changing the saturation by 10% instead.

■ 56.6549, 0.2681,
0.2703

■ 56.6549, 0.2681,
0.2703

412.1549, 0.2895,
0.2979

■ 40.7282, 0.2631,
0.2639

■ 99.9615, 0.2756,
0.2799

■ 28.1068, 0.2568,
0.2560

128.1102, 0.2785,
0.2837

■ 18.4062, 0.2488,
0.2460

161.1017, 0.2810,
0.2869

■ 11.2420, 0.2381,
0.2330

199.3203, 0.2832,
0.2897

■ 6.2298, 0.2235,
0.2153

243.1506, 0.2850,
0.2921

■ 2.9853, 0.2022,
0.1901

292.9769, 0.2867,

■ 1.1241, 0.1693,

0.2943

0.1526

349.1835, 0.2882,
0.2962

0.0000, 0.0614,
0.0000

0.0000, 0.0000,
0.0000

56.6549, 0.2681,
0.2703

56.6549, 0.2681,
0.2703

45.7490, 0.2492,
0.2438

69.2046, 0.2860,
0.2945

36.4106, 0.2299,
0.2154

83.4564, 0.3026,
0.3161

28.5673, 0.2109,
0.1861

99.2121, 0.3168,
0.3352

22.1381, 0.1933,
0.1570

99.5551, 0.3168,
0.3357

■ 17.0338, 0.1780,
0.1298

■ 13.1540, 0.1661,
0.1061

■ 10.3807, 0.1582,
0.0872

■ 9.6492, 0.1561,
0.0820

Harmonies

Analogous

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



56.6549, 0.2495, 0.2789



56.6549, 0.2681, 0.2703



56.6549, 0.2992, 0.2760

Triad

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



56.6549, 0.2681, 0.2703



56.6549, 0.3836, 0.3497



56.6549, 0.2878, 0.3683

Complementary

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



56.6549, 0.2681, 0.2703



81.5708, 0.3567, 0.3815

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.



56.6549, 0.3230, 0.3899



56.6549, 0.2681, 0.2703



56.6549, 0.3794, 0.3762

Square

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



56.6549, 0.2681, 0.2703



56.6549, 0.3673, 0.3202



56.6549, 0.3568, 0.3920



56.6549, 0.2603, 0.3347

Rectangle

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



56.6549, 0.2681, 0.2703



56.6549, 0.3235, 0.2868



56.6549, 0.3568, 0.3920



56.6549, 0.2991, 0.3774

Sweetspot

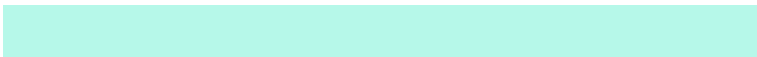
The Sweet Spot groups the original color and five complimentary colors.



56.6572, 0.2681, 0.2703



86.6912, 0.3003, 0.3132



82.9156, 0.2817, 0.3460



18.0487, 0.2979, 0.3101



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.



56.6572, 0.2681, 0.2703



53.8417, 0.2579, 0.2561



52.4479, 0.2789, 0.2550



17.2842, 0.2979, 0.3101



5.3869, 0.1568, 0.0843



0.6515, 0.1627, 0.1056

Inverse Universe

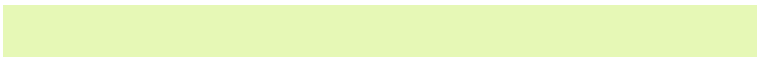
The Inverse Universe completely reimagines the original color for something new.



57.4328, 0.3572, 0.3132



55.1058, 0.3697, 0.3097



87.3748, 0.3409, 0.3984



17.2900, 0.3258, 0.3236



10.9547, 0.6001, 0.3079



1.0300, 0.5676, 0.2900

Previews

White Background



This preview shows how the Yxy color 56.6549, 0.2681, 0.2703 looks on a white background.

Color Contrast Check

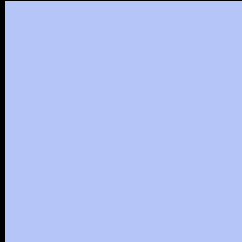
Large Text (above 18pt) WCAG AA × Fail

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 56.6549, 0.2681, 0.2703 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

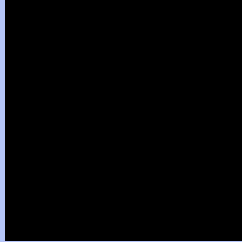
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 56.6549, 0.2681, 0.2703

Background



This preview shows how black text looks on a background with the Yxy color 56.6549, 0.2681, 0.2703.



This preview shows how white text looks on a background with the Yxy color 56.6549, 0.2681, 0.2703.

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

56.6549, 0.2681, 0.2703

Protanopia

56.6344, 0.2712, 0.2705

Deuteranopia

56.4995, 0.2732, 0.2667



Tritanopia

56.5331, 0.2828, 0.3094

Trichromacy



Original Color

56.6549, 0.2681, 0.2703

Protanomaly

56.5095, 0.2705, 0.2704

Deuteranomaly

56.5611, 0.2713, 0.2675

Tritanomaly

56.4307, 0.2771, 0.2942

Monochromacy



Original Color

56.6549, 0.2681, 0.2703

Achromatopsia

56.4712, 0.3127, 0.3290

Achromatomaly

56.5525, 0.2954, 0.3075

CSS Examples

Text

The CSS property to change the color of the text to Yxy 56.6549, 0.2681, 0.2703 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(182, 197, 248)` looks like.

```
.text, #text, p{  
    color:rgb(182, 197, 248)  
}
```

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(182, 197, 248) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(182, 197, 248) }
```

Border

The CSS property to change the border of an element to Yxy 56.6549, 0.2681, 0.2703 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(182, 197, 248) }
```

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

```
.border{ border-color:rgb(182, 197, 248) }
```

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

Here you see how a box with a 4 pixel `rgb(182, 197, 248)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(182, 197, 248); -webkit-box-shadow:4px 4px 4px 4px rgb(182, 197, 248); box-shadow:4px 4px 4px 4px rgb(182, 197, 248) }
```


Background

The CSS property to change the background color of an element to Yxy 56.6549, 0.2681, 0.2703 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(182, 197, 248) }
```

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

```
.background{ background-color: rgb(182,  
197, 248) }
```

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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