

Converting Colors

Yxy(56.8051, 0.2706, 0.2726)

Have a look what the booklet for
Yxy(56.8051, 0.2706, 0.2726)
contains.

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Color

Yxy(56.7767, 0.2706, 0.2725)

Conversions

Conversions Part 1

Format	Color
Hex	B8C5F6
RGB	184, 197, 246
RGB Percent	72%, 77%, 96%
CMY	0.2782, 0.2275, 0.0352
CMYK	0.25, 0.20, 0.00, 0.04
HSL	227°, 78%, 84%
HSV	227°, 25%, 96%
XYZ	56.3808, 56.7767, 95.1973
YIQ	198.6990, -23.4770, 12.4830

Conversions

Conversions Part 2

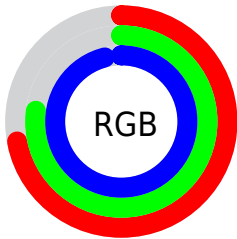
Format	Color
RYB	184, 195, 246
Decimal	12109302
CIELab	80.05, 6.09, -25.63
CIElCh	80, 26.346, 283.364
Yxy	56.7767, 0.2706, 0.2725
Android (android.graphics.Color)	4290299382 (0xFFB8C5F6)
YUV	198.6990, 23.3194, -12.8910
Hunter-Lab	75.3503, 1.6995, -22.1616

Details

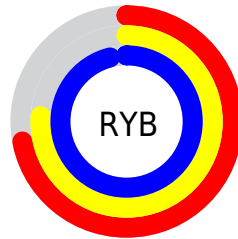
The Yxy color $56.7767, 0.2706, 0.2725$ is a light color, and the websafe version is hex `CCCCFF`. A complement of this color would be $81.3946, 0.3539, 0.3798$, and the grayscale version is $56.7924, 0.3127, 0.3290$.

A 20% lighter version of the original color is $96.8044, 0.3042, 0.3280$, and $28.1085, 0.2597, 0.2577$ is the 20% darker color. If you saturate the color by 10%, you get $45.7215, 0.2517, 0.2456$, and if you desaturate by 10%, it is $69.5068, 0.2884, 0.2969$.

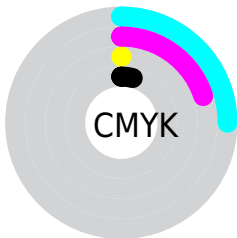
Distribution



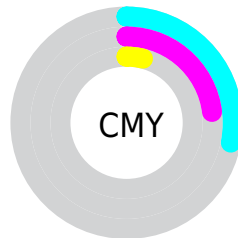
- Red (72%)
- Green (77%)
- Blue (96%)



- Red (72%)
- Yellow (76%)
- Blue (96%)



- Cyan (25%)
- Magenta (20%)
- Yellow (0%)
- Black (4%)



- Cyan (28%)
- Magenta (23%)
- Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 56.7767, 0.2706, 0.2725 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 56.7767, 0.2706, 0.2725 by changing the saturation by 10% instead.

■ 56.7767, 0.2706,
0.2725

■ 56.7767, 0.2706,
0.2725

412.6120, 0.2908,
0.2991

■ 40.8260, 0.2658,
0.2664

■ 100.1393, 0.2777,
0.2818

■ 28.1831, 0.2599,
0.2587

128.3200, 0.2805,
0.2854

■ 18.4638, 0.2523,
0.2491

161.3461, 0.2828,
0.2885

■ 11.2835, 0.2422,
0.2364

199.6020, 0.2848,
0.2912

■ 6.2578, 0.2282,
0.2193

243.4722, 0.2866,
0.2935

■ 3.0025, 0.2078,
0.1948

293.3410, 0.2882,

■ 1.1330, 0.1759,

0.2956

0.1579

349.5928, 0.2896,
0.2974

0.0060, 0.0694,
0.0027

0.0000, 0.0000,
0.0000

56.7767, 0.2706,
0.2725

56.7767, 0.2706,
0.2725

45.7215, 0.2517,
0.2456

69.5068, 0.2884,
0.2969

36.2635, 0.2322,
0.2168

83.9715, 0.3048,
0.3187

28.3292, 0.2129,
0.1869

99.4355, 0.3179,
0.3376

21.8361, 0.1948,
0.1572

■ 16.6937, 0.1790,
0.1294

■ 12.8003, 0.1665,
0.1052

■ 10.0377, 0.1581,
0.0860

■ 9.0519, 0.1552,
0.0788

Harmonies

Analogous

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



56.7767, 0.2522, 0.2804



56.7767, 0.2706, 0.2725



56.7767, 0.3008, 0.2784

Triad

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



56.7767, 0.2706, 0.2725



56.7767, 0.3809, 0.3499



56.7767, 0.2879, 0.3658

Complementary

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



56.7767, 0.2706, 0.2725



81.3946, 0.3539, 0.3798

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.



56.7767, 0.3217, 0.3870



56.7767, 0.2706, 0.2725



56.7767, 0.3763, 0.3750

Square

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



56.7767, 0.2706, 0.2725



56.7767, 0.3658, 0.3214



56.7767, 0.3542, 0.3896



56.7767, 0.2617, 0.3336

Rectangle

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



56.7767, 0.2706, 0.2725



56.7767, 0.3242, 0.2889



56.7767, 0.3542, 0.3896



56.7767, 0.2987, 0.3746

Sweetspot

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



56.7790, 0.2706, 0.2725



86.4629, 0.3003, 0.3128



81.9860, 0.2826, 0.3438



17.9916, 0.2979, 0.3096



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.



56.7790, 0.2706, 0.2725



55.5329, 0.2615, 0.2597



53.4632, 0.2818, 0.2596



16.4868, 0.2979, 0.3097



4.9919, 0.1559, 0.0811



0.5809, 0.1619, 0.1028

Inverse Universe

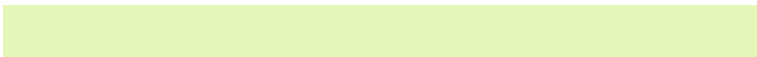
The Inverse Universe completely reimagines the original color for something new.



57.9331, 0.3551, 0.3153



57.2159, 0.3662, 0.3125



85.9622, 0.3387, 0.3947



16.5391, 0.3261, 0.3241



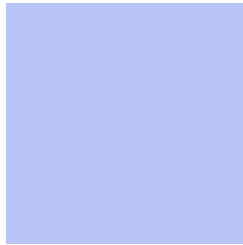
10.6033, 0.6053, 0.3108



0.9463, 0.5717, 0.2923

Previews

White Background



This preview shows how the Yxy color 56.7767, 0.2706, 0.2725 looks on a white background.

Color Contrast Check

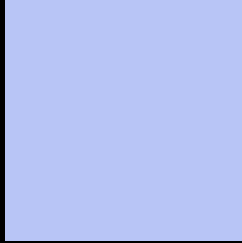
Large Text (above 18pt) WCAG AA × Fail

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 56.7767, 0.2706, 0.2725 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

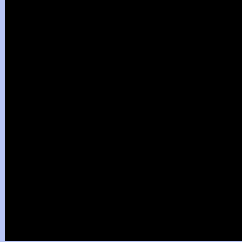
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 56.7767, 0.2706, 0.2725

Background



This preview shows how black text looks on a background with the Yxy color 56.7767, 0.2706, 0.2725.



This preview shows how white text looks on a background with the Yxy color 56.7767, 0.2706, 0.2725.

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

56.7767, 0.2706, 0.2725

Protanopia

56.6985, 0.2725, 0.2717

Deuteranopia

56.6364, 0.2758, 0.2690



Tritanopia

56.7680, 0.2842, 0.3095

Trichromacy



Original Color

56.7767, 0.2706, 0.2725

Protanomaly

56.5728, 0.2718, 0.2716

Deuteranomaly

56.6928, 0.2738, 0.2698

Tritanomaly

56.6133, 0.2791, 0.2955

Monochromacy



Original Color

56.7767, 0.2706, 0.2725

Achromatopsia

57.1125, 0.3127, 0.3290

Achromatomaly

56.8154, 0.2969, 0.3076

CSS Examples

Text

The CSS property to change the color of the text to Yxy 56.7767, 0.2706, 0.2725 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(184, 197, 246)` looks like.

```
.text, #text, p{  
    color:rgb(184, 197, 246)  
}
```

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(184, 197, 246) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(184, 197, 246) }
```

Border

The CSS property to change the border of an element to Yxy 56.7767, 0.2706, 0.2725 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(184, 197, 246) }
```

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

```
.border{ border-color:rgb(184, 197, 246) }
```

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

Here you see how a box with a 4 pixel `rgb(184, 197, 246)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(184, 197, 246); -webkit-box-  
shadow:4px 4px 4px 4px rgb(184, 197, 246);  
box-shadow:4px 4px 4px 4px rgb(184, 197,  
246) }
```


Background

The CSS property to change the background color of an element to Yxy 56.7767, 0.2706, 0.2725 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(184, 197, 246) }
```

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

```
.background{ background-color: rgb(184,  
197, 246) }
```

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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