

Converting Colors

$Yxy(56.0810, 0.2729, 0.2756)$

Have a look what the booklet for
Yxy(56.0810, 0.2729, 0.2756)
contains.

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Color

Yxy(56.0810, 0.2729, 0.2756)

Conversions

Conversions Part 1

Format	Color
Hex	B8C4F2
RGB	184, 196, 242
RGB Percent	72%, 77%, 95%
CMY	0.2784, 0.2313, 0.0511
CMYK	0.24, 0.19, 0.00, 0.05
HSL	228°, 69%, 84%
HSV	228°, 24%, 95%
XYZ	55.5316, 56.0810, 91.8744
YIQ	197.6560, -21.9180, 11.7620

Conversions

Conversions Part 2

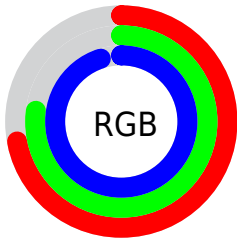
Format	Color
RYB	184, 194, 242
Decimal	12109042
CIELab	79.66, 5.67, -24.06
CIELCh	80, 24.719, 283.254
Yxy	56.0810, 0.2729, 0.2756
Android (android.graphics.Color)	4290299122 (0xFFB8C4F2)
YUV	197.6560, 21.8616, -11.9763
Hunter-Lab	74.8872, 1.3115, -20.3180

Details

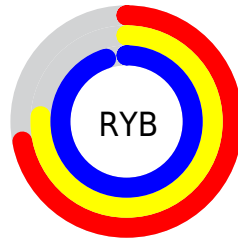
The Yxy color **56.0810, 0.2729, 0.2756** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **78.9106, 0.3516, 0.3773**, and the grayscale version is **56.1289, 0.3127, 0.3290**.

A 20% lighter version of the original color is **96.1713, 0.3042, 0.3270**, and **27.6370, 0.2624, 0.2615** is the 20% darker color. If you saturate the color by 10%, you get **45.2354, 0.2541, 0.2490**, and if you desaturate by 10%, it is **68.5493, 0.2905, 0.2997**.

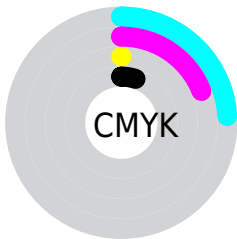
Distribution



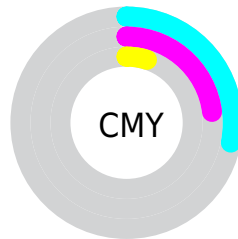
- Red (72%)
- Green (77%)
- Blue (95%)



- Red (72%)
- Yellow (76%)
- Blue (95%)



- Cyan (24%)
- Magenta (19%)
- Yellow (0%)
- Black (5%)



- Cyan (28%)
- Magenta (23%)
- Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 56.0810, 0.2729, 0.2756 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 56.0810, 0.2729, 0.2756 by changing the saturation by 10% instead.

■ 56.0810, 0.2729,
0.2756

■ 56.0810, 0.2729,
0.2756

409.9967, 0.2921,
0.3008

■ 40.2679, 0.2684,
0.2697

■ 99.1230, 0.2797,
0.2844

■ 27.7475, 0.2627,
0.2625

127.1207, 0.2823,
0.2879

■ 18.1354, 0.2554,
0.2532

159.9486, 0.2845,
0.2908

■ 11.0472, 0.2457,
0.2410

197.9913, 0.2864,
0.2933

■ 6.0986, 0.2321,
0.2243

241.6330, 0.2881,
0.2956

■ 2.9051, 0.2122,
0.2003

291.2582, 0.2896,

■ 1.0824, 0.1807,

0.2975

0.1636

347.2513, 0.2909,
0.2993

0.0000, 0.0536,
0.0000

0.0000, 0.0000,
0.0000

56.0810, 0.2729,
0.2756

56.0810, 0.2729,
0.2756

45.2354, 0.2541,
0.2490

68.5493, 0.2905,
0.2997

35.9381, 0.2347,
0.2203

82.6972, 0.3067,
0.3212

28.1189, 0.2153,
0.1905

98.2819, 0.3204,
0.3402

21.6991, 0.1969,
0.1607

99.1887, 0.3203,
0.3415

■ 16.5925, 0.1808,
0.1325

■ 12.7026, 0.1678,
0.1078

■ 9.9181, 0.1589,
0.0879

■ 8.6964, 0.1552,
0.0786

Harmonies

Analogous

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



56.0810, 0.2555, 0.2833



56.0810, 0.2729, 0.2756



56.0810, 0.3014, 0.2810

Triad

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



56.0810, 0.2729, 0.2756



56.0810, 0.3769, 0.3488



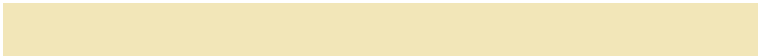
56.0810, 0.2895, 0.3637

Complementary

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



56.0810, 0.2729, 0.2756



78.9106, 0.3516, 0.3773

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.



56.0810, 0.3214, 0.3835



56.0810, 0.2729, 0.2756



56.0810, 0.3727, 0.3725

Square

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



56.0810, 0.2729, 0.2756



56.0810, 0.3626, 0.3218



56.0810, 0.3520, 0.3861



56.0810, 0.2647, 0.3335

Rectangle

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



56.0810, 0.2729, 0.2756



56.0810, 0.3235, 0.2911



56.0810, 0.3520, 0.3861



56.0810, 0.2997, 0.3719

Sweetspot

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



56.0833, 0.2729, 0.2756



88.0687, 0.3019, 0.3149



79.3558, 0.2840, 0.3430



18.6398, 0.3010, 0.3136



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.



56.0833, 0.2729, 0.2756



56.6895, 0.2634, 0.2622



53.0340, 0.2836, 0.2634



15.7586, 0.2980, 0.3097



4.8299, 0.1558, 0.0809



0.5401, 0.1622, 0.1039

Inverse Universe

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



57.1432, 0.3525, 0.3161



58.3297, 0.3639, 0.3132



83.0405, 0.3374, 0.3912



15.8123, 0.3261, 0.3241



10.2809, 0.6055, 0.3109



0.8692, 0.5700, 0.2914

Previews

White Background



This preview shows how the Yxy color 56.0810, 0.2729, 0.2756 looks on a white background.

Color Contrast Check

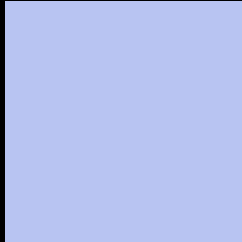
Large Text (above 18pt) WCAG AA × Fail

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 56.0810, 0.2729, 0.2756 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

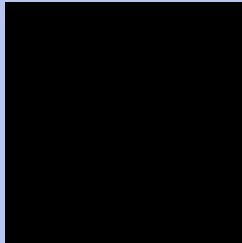
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 56.0810, 0.2729, 0.2756

Background



This preview shows how black text looks on a background with the Yxy color 56.0810, 0.2729, 0.2756.



This preview shows how white text looks on a background with the Yxy color 56.0810, 0.2729, 0.2756.

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

56.0810, 0.2729, 0.2756

Protanopia

55.9459, 0.2754, 0.2757

Deuteranopia

55.9484, 0.2782, 0.2719



Tritanopia

55.8501, 0.2861, 0.3094

Trichromacy



Original Color

56.0810, 0.2729, 0.2756

Protanomaly

55.8202, 0.2747, 0.2756

Deuteranomaly

56.0018, 0.2762, 0.2728

Tritanomaly

56.1068, 0.2816, 0.2977

Monochromacy



Original Color

56.0810, 0.2729, 0.2756

Achromatopsia

56.4712, 0.3127, 0.3290

Achromatomaly

56.1250, 0.2975, 0.3087

CSS Examples

Text

The CSS property to change the color of the text to Yxy 56.0810, 0.2729, 0.2756 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, 196, 242)` looks like.

```
.text, #text, p{  
    color:rgb(184, 196, 242)  
}
```

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, 196, 242) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(184, 196, 242) }
```

Border

The CSS property to change the border of an element to Yxy 56.0810, 0.2729, 0.2756 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, 196, 242) }
```

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

```
.border{ border-color:rgb(184, 196, 242) }
```

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

Here you see how a box with a 4 pixel `rgb(184, 196, 242)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(184, 196, 242); -webkit-box-  
shadow:4px 4px 4px 4px rgb(184, 196, 242);  
box-shadow:4px 4px 4px 4px rgb(184, 196,  
242) }
```


Background

The CSS property to change the background color of an element to Yxy 56.0810, 0.2729, 0.2756 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(184, 196, 242) }
```

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

```
.background{ background-color: rgb(184,  
196, 242) }
```

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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