

Converting Colors

$Y_{xy}(56.3595, 0.2766, 0.2750)$

Have a look what the booklet for
Yxy(56.3595, 0.2766, 0.2750)
contains.

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Color

Yxy(56.3882, 0.2769, 0.2750)

Conversions

Conversions Part 1

Format	Color
Hex	BEC3F2
RGB	190, 195, 242
RGB Percent	75%, 76%, 95%
CMY	0.2548, 0.2353, 0.0510
CMYK	0.21, 0.19, 0.00, 0.05
HSL	234°, 67%, 85%
HSV	234°, 21%, 95%
XYZ	56.7778, 56.3882, 91.8820
YIQ	198.8630, -18.0670, 13.5570

Conversions

Conversions Part 2

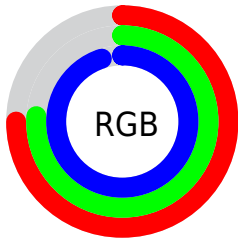
Format	Color
RYB	190, 195, 242
Decimal	12502002
CIELab	79.83, 8.02, -23.76
CIElCh	80, 25.082, 288.647
Yxy	56.3882, 0.2769, 0.2750
Android (android.graphics.Color)	4290692082 (0xFFBEC3F2)
YUV	198.8630, 21.2665, -7.7729
Hunter-Lab	75.0921, 3.5543, -19.9823

Details

The Yxy color $56.3882, 0.2769, 0.2750$ is a light color, and the websafe version is hex `CCCCFF`. A complement of this color would be $83.1597, 0.3462, 0.3778$, and the grayscale version is $56.9034, 0.3127, 0.3290$.

A 20% lighter version of the original color is $95.9885, 0.3079, 0.3251$, and $27.8292, 0.2675, 0.2608$ is the 20% darker color. If you saturate the color by 10%, you get $44.4327, 0.2576, 0.2452$, and if you desaturate by 10%, it is $70.3018, 0.2946, 0.3019$.

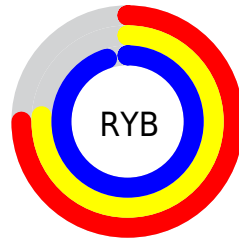
Distribution



Red (75%)

Green (76%)

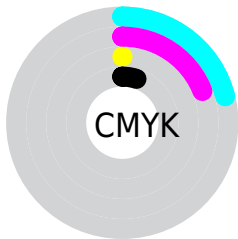
Blue (95%)



Red (75%)

Yellow (76%)

Blue (95%)

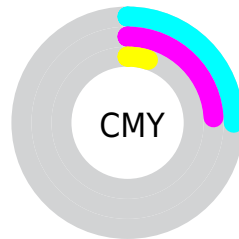


Cyan (21%)

Magenta (19%)

Yellow (0%)

Black (5%)



Cyan (25%)

Magenta (24%)

Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 56.3882, 0.2769, 0.2750 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 56.3882, 0.2769, 0.2750 by changing the saturation by 10% instead.

■ 56.3882, 0.2769,
0.2750

■ 56.3882, 0.2769,
0.2750

411.1528, 0.2942,
0.3004

■ 40.5143, 0.2728,
0.2691

■ 99.5719, 0.2830,
0.2839

■ 27.9397, 0.2676,
0.2618

127.6505, 0.2854,
0.2873

■ 18.2802, 0.2610,
0.2526

160.5661, 0.2874,
0.2903

■ 11.1514, 0.2521,
0.2404

198.7031, 0.2891,
0.2928

■ 6.1687, 0.2397,
0.2239

242.4458, 0.2906,
0.2951

■ 2.9480, 0.2214,
0.2001

292.1788, 0.2920,

■ 1.1046, 0.1920,

0.2971

0.1640

348.2863, 0.2931,
0.2988

0.0000, 0.0896,
0.0000

0.0000, 0.0000,
0.0000

56.3882, 0.2769,
0.2750

56.3882, 0.2769,
0.2750

44.4327, 0.2576,
0.2452

70.3018, 0.2946,
0.3019

34.3406, 0.2372,
0.2131

86.2487, 0.3105,
0.3257

26.0199, 0.2164,
0.1798

99.1898, 0.3203,
0.3415

19.3678, 0.1966,
0.1472

■ 14.2709, 0.1790,
0.1173

■ 10.6016, 0.1651,
0.0925

■ 8.2117, 0.1559,
0.0746

■ 7.0313, 0.1515,
0.0652

Harmonies

Analogous

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



56.3882, 0.2570, 0.2803



56.3882, 0.2769, 0.2750



56.3882, 0.3072, 0.2827

Triad

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



56.3882, 0.2769, 0.2750



56.3882, 0.3783, 0.3537



56.3882, 0.2839, 0.3591

Complementary

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



56.3882, 0.2769, 0.2750



83.1597, 0.3462, 0.3778

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.



56.3882, 0.3155, 0.3818



56.3882, 0.2769, 0.2750



56.3882, 0.3708, 0.3764

Square

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



56.3882, 0.2769, 0.2750



56.3882, 0.3671, 0.3266



56.3882, 0.3474, 0.3877



56.3882, 0.2608, 0.3278

Rectangle

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



56.3882, 0.2769, 0.2750



56.3882, 0.3297, 0.2941



56.3882, 0.3474, 0.3877



56.3882, 0.2938, 0.3682

Sweetspot

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



56.3905, 0.2769, 0.2750



88.7029, 0.3035, 0.3153



80.5457, 0.2835, 0.3346



18.7339, 0.3025, 0.3138



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.



56.3905, 0.2769, 0.2750



57.0582, 0.2682, 0.2616



57.0638, 0.2915, 0.2716



15.4726, 0.2980, 0.3069



3.8642, 0.1518, 0.0665



0.4034, 0.1559, 0.0812

Inverse Universe

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



59.6487, 0.3521, 0.3237



61.4692, 0.3633, 0.3225



82.6159, 0.3307, 0.3852



15.7835, 0.3278, 0.3268



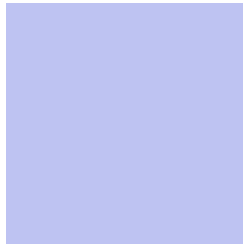
10.1834, 0.6291, 0.3239



0.8554, 0.6051, 0.3107

Previews

White Background



This preview shows how the Yxy color 56.3882, 0.2769, 0.2750 looks on a white background.

Color Contrast Check

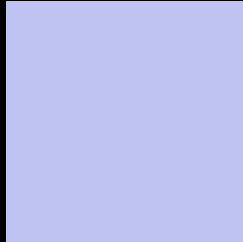
Large Text (above 18pt) WCAG AA × Fail

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 56.3882, 0.2769, 0.2750 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

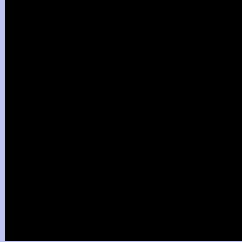
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 56.3882, 0.2769, 0.2750

Background



This preview shows how black text looks on a background with the Yxy color 56.3882, 0.2769, 0.2750.



This preview shows how white text looks on a background with the Yxy color 56.3882, 0.2769, 0.2750.

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

56.3882, 0.2769, 0.2750

Protanopia

56.5157, 0.2743, 0.2748

Deuteranopia

56.5965, 0.2803, 0.2743



Tritanopia

56.5807, 0.2904, 0.3096

Trichromacy



Original Color

56.3882, 0.2769, 0.2750

Protanomaly

56.6423, 0.2750, 0.2749

Deuteranomaly

56.3318, 0.2789, 0.2741

Tritanomaly

56.3892, 0.2858, 0.2969

Monochromacy



Original Color

56.3882, 0.2769, 0.2750

Achromatopsia

57.1125, 0.3127, 0.3290

Achromatomaly

57.0302, 0.2991, 0.3089

CSS Examples

Text

The CSS property to change the color of the text to Yxy 56.3882, 0.2769, 0.2750 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(190, 195, 242)` looks like.

```
.text, #text, p{  
    color:rgb(190, 195, 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(190, 195, 242) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(190, 195, 242) }
```

Border

The CSS property to change the border of an element to Yxy 56.3882, 0.2769, 0.2750 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(190, 195, 242) }
```

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

```
.border{ border-color:rgb(190, 195, 242) }
```

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

Here you see how a box with a 4 pixel `rgb(190, 195, 242)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(190, 195, 242); -webkit-box-shadow:4px 4px 4px 4px rgb(190, 195, 242); box-shadow:4px 4px 4px 4px rgb(190, 195, 242) }
```


Background

The CSS property to change the background color of an element to Yxy 56.3882, 0.2769, 0.2750 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(190, 195, 242) }
```

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

```
.background{ background-color: rgb(190,  
195, 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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