

Converting Colors

Yxy(56.4478, 0.2739, 0.2748)

Have a look what the booklet for
Yxy(56.4478, 0.2739, 0.2748)
contains.

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Color

Yxy(56.3900, 0.2736, 0.2747)

Conversions

Conversions Part 1

Format	Color
Hex	BAC4F3
RGB	186, 196, 243
RGB Percent	73%, 77%, 95%
CMY	0.2707, 0.2313, 0.0470
CMYK	0.23, 0.19, 0.00, 0.05
HSL	229°, 70%, 84%
HSV	229°, 23%, 95%
XYZ	56.1642, 56.3900, 92.7243
YIQ	198.3680, -21.0470, 12.4970

Conversions

Conversions Part 2

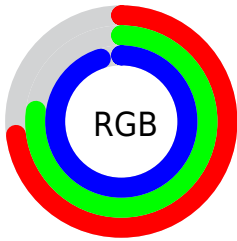
Format	Color
R _Y B	186, 195, 243
Decimal	12240115
CIE Lab	79.84, 6.49, -24.34
CIE LCh	80, 25.190, 284.937
Yxy	56.3900, 0.2736, 0.2747
Android (android.graphics.Color)	4290430195 (0xFFBAC4F3)
YUV	198.3680, 22.0036, -10.8467
Hunter-Lab	75.0933, 2.0915, -20.6453

Details

The Yxy color $56.3900, 0.2736, 0.2747$ is a light color, and the websafe version is hex `CCCCFF`. A complement of this color would be $80.8673, 0.3504, 0.3780$, and the grayscale version is $56.5802, 0.3127, 0.3290$.

A 20% lighter version of the original color is $96.5252, 0.3054, 0.3270$, and $27.8394, 0.2634, 0.2604$ is the 20% darker color. If you saturate the color by 10%, you get $45.1630, 0.2546, 0.2471$, and if you desaturate by 10%, it is $69.3451, 0.2913, 0.2997$.

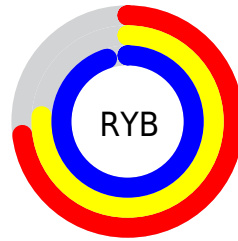
Distribution



Red (73%)

Green (77%)

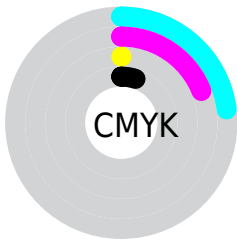
Blue (95%)



Red (73%)

Yellow (76%)

Blue (95%)

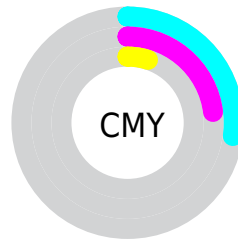


Cyan (23%)

Magenta (19%)

Yellow (0%)

Black (5%)



Cyan (27%)

Magenta (23%)

Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 56.3900, 0.2736, 0.2747 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 56.3900, 0.2736, 0.2747 by changing the saturation by 10% instead.

■ 56.3900, 0.2736,
0.2747

■ 56.3900, 0.2736,
0.2747

411.1596, 0.2924,
0.3003

■ 40.5157, 0.2691,
0.2688

■ 99.5746, 0.2803,
0.2837

■ 27.9409, 0.2636,
0.2614

127.6536, 0.2828,
0.2871

■ 18.2811, 0.2564,
0.2521

160.5697, 0.2850,
0.2901

■ 11.1520, 0.2468,
0.2398

198.7072, 0.2869,
0.2927

■ 6.1691, 0.2336,
0.2230

242.4506, 0.2885,
0.2949

■ 2.9482, 0.2140,
0.1990

292.1842, 0.2900,

■ 1.1048, 0.1831,

0.2969

0.1625

348.2924, 0.2913,
0.2987

0.0000, 0.0700,
0.0000

0.0000, 0.0000,
0.0000

56.3900, 0.2736,
0.2747

56.3900, 0.2736,
0.2747

45.1630, 0.2546,
0.2471

69.3451, 0.2913,
0.2997

35.5836, 0.2349,
0.2174

84.0906, 0.3075,
0.3219

27.5752, 0.2151,
0.1866

99.2516, 0.3197,
0.3405

21.0520, 0.1963,
0.1559

■ 15.9200, 0.1798,
0.1273

■ 12.0737, 0.1667,
0.1025

■ 9.3913, 0.1577,
0.0832

■ 8.1801, 0.1539,
0.0739

Harmonies

Analogous

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



56.3900, 0.2552, 0.2817



56.3900, 0.2736, 0.2747



56.3900, 0.3030, 0.2809

Triad

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



56.3900, 0.2736, 0.2747



56.3900, 0.3782, 0.3506



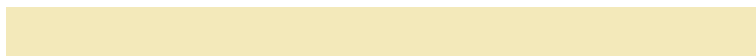
56.3900, 0.2874, 0.3627

Complementary

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



56.3900, 0.2736, 0.2747



80.8673, 0.3504, 0.3780

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.



56.3900, 0.3196, 0.3838



56.3900, 0.2736, 0.2747



56.3900, 0.3729, 0.3743

Square

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



56.3900, 0.2736, 0.2747



56.3900, 0.3648, 0.3232



56.3900, 0.3511, 0.3874



56.3900, 0.2628, 0.3317

Rectangle

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



56.3900, 0.2736, 0.2747



56.3900, 0.3256, 0.2915



56.3900, 0.3511, 0.3874



56.3900, 0.2977, 0.3714

Sweetspot

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



56.3923, 0.2736, 0.2747



87.7408, 0.3019, 0.3144



80.4009, 0.2835, 0.3406



18.5641, 0.3010, 0.3130



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.



56.3923, 0.2736, 0.2747



56.9112, 0.2650, 0.2623



54.4242, 0.2857, 0.2651



16.3978, 0.2979, 0.3089



4.6246, 0.1544, 0.0758



0.5360, 0.1601, 0.0962

Inverse Universe

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



58.1518, 0.3530, 0.3183



59.3677, 0.3635, 0.3161



83.6503, 0.3356, 0.3902



16.5301, 0.3266, 0.3249



10.5662, 0.6137, 0.3154



0.9417, 0.5817, 0.2978

Previews

White Background



This preview shows how the Yxy color 56.3900, 0.2736, 0.2747 looks on a white background.

Color Contrast Check

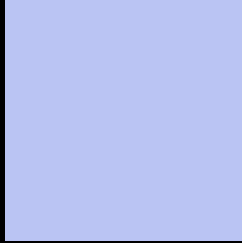
Large Text (above 18pt) WCAG AA × Fail

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 56.3900, 0.2736, 0.2747 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

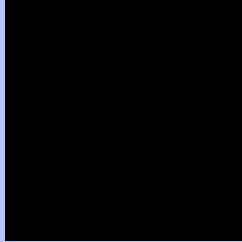
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 56.3900, 0.2736, 0.2747

Background



This preview shows how black text looks on a background with the Yxy color 56.3900, 0.2736, 0.2747.



This preview shows how white text looks on a background with the Yxy color 56.3900, 0.2736, 0.2747.

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

56.3900, 0.2736, 0.2747

Protanopia

56.5157, 0.2743, 0.2748

Deuteranopia

56.5846, 0.2783, 0.2722



Tritanopia

56.6068, 0.2869, 0.3095

Trichromacy



Original Color

56.3900, 0.2736, 0.2747

Protanomaly

56.5157, 0.2743, 0.2748

Deuteranomaly

56.6382, 0.2763, 0.2730

Tritanomaly

56.4051, 0.2824, 0.2967

Monochromacy



Original Color

56.3900, 0.2736, 0.2747

Achromatopsia

56.4712, 0.3127, 0.3290

Achromatomaly

56.2569, 0.2983, 0.3087

CSS Examples

Text

The CSS property to change the color of the text to Yxy 56.3900, 0.2736, 0.2747 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(186, 196, 243)` looks like.

```
.text, #text, p{  
    color:rgb(186, 196, 243)  
}
```

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(186, 196, 243) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(186, 196, 243) }
```

Border

The CSS property to change the border of an element to Yxy 56.3900, 0.2736, 0.2747 is called "border". The border property can be set on classes, ids or directly on the HTML element.

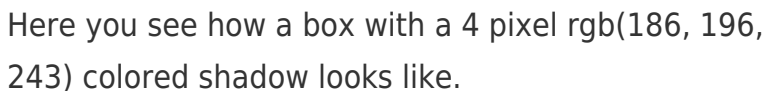
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(186, 196, 243) }
```

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

```
.border{ border-color:rgb(186, 196, 243) }
```

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



Here you see how a box with a 4 pixel `rgb(186, 196, 243)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(186, 196, 243); -webkit-box-shadow:4px 4px 4px 4px rgb(186, 196, 243); box-shadow:4px 4px 4px 4px rgb(186, 196, 243) }
```


Background

The CSS property to change the background color of an element to Yxy 56.3900, 0.2736, 0.2747 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(186, 196, 243) }
```

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

```
.background{ background-color: rgb(186,  
196, 243) }
```

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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