

Converting Colors

$Yxy(55.9561, 0.2694, 0.2593)$

Have a look what the booklet for
Yxy(55.9561, 0.2694, 0.2593)
contains.

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Color

Yxy(55.8022, 0.2693, 0.2592)

Conversions

Conversions Part 1

Format	Color
Hex	<code>BEC0FE</code>
RGB	190, 192, 254
RGB Percent	75%, 75%, 100%
CMY	0.2549, 0.2471, 0.0038
CMYK	0.25, 0.24, 0.00, 0.00
HSL	238°, 97%, 87%
HSV	238°, 25%, 100%
XYZ	57.9766, 55.8022, 101.5075
YIQ	198.4700, -21.0940, 18.8580

Conversions

Conversions Part 2

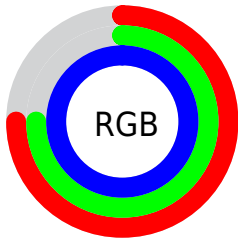
Format	Color
R _Y B	190, 192, 254
Decimal	12501246
CIE Lab	79.50, 12.40, -30.72
CIE LCh	80, 33.129, 291.978
Yxy	55.8022, 0.2693, 0.2592
Android (android.graphics.Color)	4290691326 (0xFFBEC0FE)
YUV	198.4700, 27.3763, -7.4282
Hunter-Lab	74.7009, 7.8103, -28.2758

Details

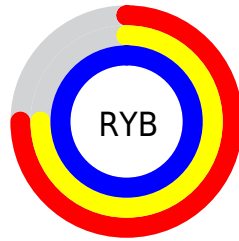
The Yxy color **55.8022, 0.2693, 0.2592** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **94.4306, 0.3514, 0.3904**, and the grayscale version is **56.6138, 0.3127, 0.3290**.

A 20% lighter version of the original color is **94.1290, 0.3080, 0.3222**, and **27.6474, 0.2580, 0.2434** is the 20% darker color. If you saturate the color by 10%, you get **42.8959, 0.2489, 0.2261**, and if you desaturate by 10%, it is **71.0894, 0.2880, 0.2894**.

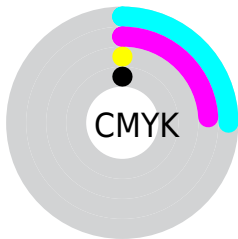
Distribution



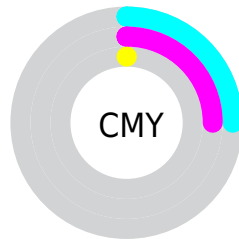
- Red (75%)
- Green (75%)
- Blue (100%)



- Red (75%)
- Yellow (75%)
- Blue (100%)



- Cyan (25%)
- Magenta (24%)
- Yellow (0%)
- Black (0%)



- Cyan (25%)
- Magenta (25%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 55.8022, 0.2693, 0.2592 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 55.8022, 0.2693, 0.2592 by changing the saturation by 10% instead.

■ 55.8022, 0.2693,
0.2592

■ 55.8022, 0.2693,
0.2592

408.9456, 0.2903,
0.2916

■ 40.0444, 0.2643,
0.2518

■ 98.7153, 0.2767,
0.2704

■ 27.5731, 0.2581,
0.2428

126.6394, 0.2796,
0.2748

■ 18.0041, 0.2502,
0.2314

159.3876, 0.2820,
0.2786

■ 10.9529, 0.2396,
0.2166

197.3445, 0.2841,
0.2819

■ 6.0352, 0.2250,
0.1970

240.8943, 0.2859,
0.2848

■ 2.8665, 0.2039,
0.1698

290.4215, 0.2876,

■ 1.0624, 0.1713,

0.2873

0.1308

346.3105, 0.2890,
0.2896

0.0000, 0.0884,
0.0000

0.0000, 0.0000,
0.0000

55.8022, 0.2693,
0.2592

55.8022, 0.2693,
0.2592

42.8959, 0.2489,
0.2261

71.0894, 0.2880,
0.2894

32.2445, 0.2275,
0.1912

88.8618, 0.3048,
0.3163

23.7206, 0.2063,
0.1563

99.9378, 0.3133,
0.3299

17.1813, 0.1867,
0.1237

■ 12.4663, 0.1703,
0.0962

■ 9.3903, 0.1586,
0.0760

■ 7.7290, 0.1520,
0.0642

■ 7.3308, 0.1504,
0.0613

Harmonies

Analogous

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



55.8022, 0.2420, 0.2634



55.8022, 0.2693, 0.2592



55.8022, 0.3098, 0.2711

Triad

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



55.8022, 0.2693, 0.2592



55.8022, 0.3999, 0.3639



55.8022, 0.2703, 0.3649

Complementary

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



55.8022, 0.2693, 0.2592



94.4306, 0.3514, 0.3904

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.



55.8022, 0.3107, 0.3979



55.8022, 0.2693, 0.2592



55.8022, 0.3867, 0.3934

Square

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



55.8022, 0.2693, 0.2592



55.8022, 0.3879, 0.3289



55.8022, 0.3535, 0.4076



55.8022, 0.2424, 0.3219

Rectangle

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



55.8022, 0.2693, 0.2592



55.8022, 0.3397, 0.2865



55.8022, 0.3535, 0.4076



55.8022, 0.2828, 0.3779

Sweetspot

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



55.8044, 0.2693, 0.2592



84.3682, 0.3003, 0.3092



88.8724, 0.2766, 0.3312



17.4689, 0.2978, 0.3052



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.



55.8044, 0.2693, 0.2592



49.7508, 0.2597, 0.2436



59.1789, 0.2902, 0.2610



17.4689, 0.2978, 0.3052



3.9028, 0.1505, 0.0619



0.4107, 0.1518, 0.0663

Inverse Universe

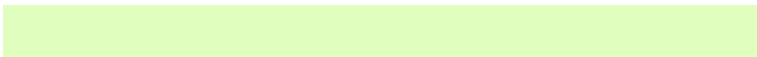
The Inverse Universe completely reimagines the original color for something new.



61.7072, 0.3647, 0.3271



56.6322, 0.3784, 0.3267



90.4926, 0.3310, 0.3965



17.9963, 0.3290, 0.3283



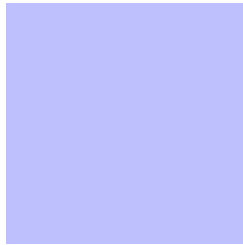
11.1220, 0.6369, 0.3282



1.0860, 0.6294, 0.3241

Previews

White Background



This preview shows how the Yxy color 55.8022, 0.2693, 0.2592 looks on a white background.

Color Contrast Check

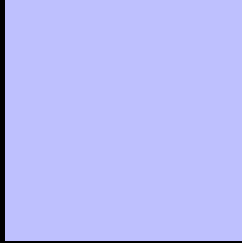
Large Text (above 18pt) WCAG AA × Fail

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 55.8022, 0.2693, 0.2592 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

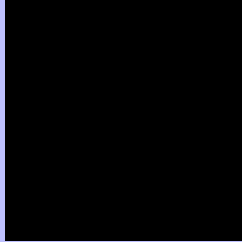
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 55.8022, 0.2693, 0.2592

Background



This preview shows how black text looks on a background with the Yxy color 55.8022, 0.2693, 0.2592.



This preview shows how white text looks on a background with the Yxy color 55.8022, 0.2693, 0.2592.

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

55.8022, 0.2693, 0.2592

Protanopia

56.0740, 0.2632, 0.2606

Deuteranopia

55.7348, 0.2668, 0.2599



Tritanopia

55.6982, 0.2888, 0.3095

Trichromacy



Original Color

55.8022, 0.2693, 0.2592

Protanomaly

55.9939, 0.2650, 0.2598

Deuteranomaly

55.8605, 0.2674, 0.2600

Tritanomaly

55.4513, 0.2817, 0.2898

Monochromacy



Original Color

55.8022, 0.2693, 0.2592

Achromatopsia

56.4712, 0.3127, 0.3290

Achromatomaly

56.1439, 0.2963, 0.3030

CSS Examples

Text

The CSS property to change the color of the text to Yxy 55.8022, 0.2693, 0.2592 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, 192, 254)` looks like.

```
.text, #text, p{  
    color:rgb(190, 192, 254)  
}
```

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, 192, 254) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(190, 192, 254) }
```

Border

The CSS property to change the border of an element to Yxy 55.8022, 0.2693, 0.2592 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, 192, 254) }
```

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

```
.border{ border-color:rgb(190, 192, 254) }
```

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

Here you see how a box with a 4 pixel `rgb(190, 192, 254)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(190, 192, 254); -webkit-box-  
shadow:4px 4px 4px 4px rgb(190, 192, 254);  
box-shadow:4px 4px 4px 4px rgb(190, 192,  
254) }
```


Background

The CSS property to change the background color of an element to Yxy 55.8022, 0.2693, 0.2592 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(190, 192, 254) }
```

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

```
.background{ background-color: rgb(190,  
192, 254) }
```

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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