

Converting Colors

$Yxy(55.7171, 0.2684, 0.2579)$

Have a look what the booklet for
Yxy(55.7171, 0.2684, 0.2579)
contains.

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Color

Yxy(55.8664, 0.2687, 0.2582)

Conversions

Conversions Part 1

Format	Color
Hex	BEC0FF
RGB	190, 192, 255
RGB Percent	75%, 75%, 100%
CMY	0.2549, 0.2471, 0.0000
CMYK	0.25, 0.25, 0.00, 0.00
HSL	238°, 100%, 87%
HSV	238°, 25%, 100%
XYZ	58.1383, 55.8664, 102.3640
YIQ	198.5840, -21.4150, 19.1690

Conversions

Conversions Part 2

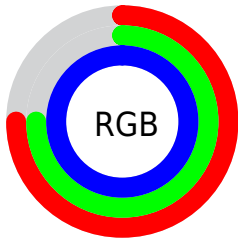
Format	Color
R_{YB}	190, 192, 255
Decimal	12501247
CIE _{Lab}	79.54, 12.63, -31.21
CIE _{LCh}	80, 33.667, 292.042
Yxy	55.8664, 0.2687, 0.2582
Android (android.graphics.Color)	4290691327 (0xFFBEC0FF)
YUV	198.5840, 27.8131, -7.5282
Hunter-Lab	74.7438, 8.0416, -28.8788

Details

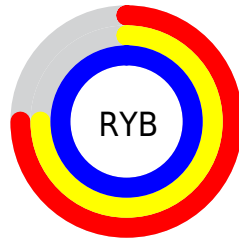
The Yxy color **55.8664, 0.2687, 0.2582** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **95.2216, 0.3518, 0.3911**, and the grayscale version is **56.6810, 0.3127, 0.3290**.

A 20% lighter version of the original color is **94.1290, 0.3080, 0.3222**, and **27.6934, 0.2573, 0.2422** is the 20% darker color. If you saturate the color by 10%, you get **42.9085, 0.2483, 0.2251**, and if you desaturate by 10%, it is **71.2192, 0.2875, 0.2886**.

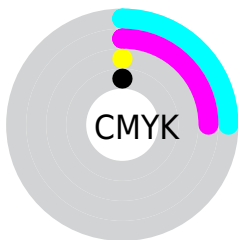
Distribution



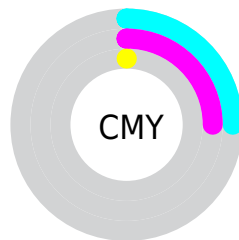
- Red (75%)
- Green (75%)
- Blue (100%)



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



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



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

Brightness & Saturation Gradients

These gradients show how the Yxy color 55.8664, 0.2687, 0.2582 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 55.8664, 0.2687, 0.2582 by changing the saturation by 10% instead.

■ 55.8664, 0.2687,
0.2582

■ 55.8664, 0.2687,
0.2582

■ 409.1878, 0.2900,
0.2911

■ 40.0958, 0.2637,
0.2507

■ 98.8092, 0.2762,
0.2696

■ 27.6133, 0.2574,
0.2416

■ 126.7502, 0.2791,
0.2740

■ 18.0343, 0.2493,
0.2301

■ 159.5169, 0.2816,
0.2778

■ 10.9746, 0.2387,
0.2152

■ 197.4935, 0.2837,
0.2812

■ 6.0498, 0.2239,
0.1954

■ 241.0645, 0.2856,
0.2841

■ 2.8754, 0.2026,
0.1681

■ 290.6143, 0.2872,

■ 1.0670, 0.1699,

0.2867

0.1290

346.5273, 0.2887,
0.2890

0.0000, 0.0891,
0.0000

0.0000, 0.0000,
0.0000

55.8664, 0.2687,
0.2582

55.8664, 0.2687,
0.2582

42.9085, 0.2483,
0.2251

71.2192, 0.2875,
0.2886

32.2266, 0.2269,
0.1901

89.0812, 0.3043,
0.3156

23.6888, 0.2057,
0.1552

100.0000, 0.3127,
0.3290

17.1501, 0.1861,
0.1228

■ 12.4481, 0.1699,
0.0954

■ 9.3946, 0.1583,
0.0755

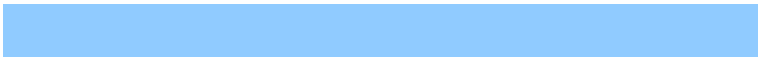
■ 7.7610, 0.1519,
0.0640

■ 7.3912, 0.1504,
0.0613

Harmonies

Analogous

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



55.8664, 0.2410, 0.2624



55.8664, 0.2687, 0.2582



55.8664, 0.3099, 0.2703

Triad

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



55.8664, 0.2687, 0.2582



55.8664, 0.4013, 0.3644



55.8664, 0.2696, 0.3654

Complementary

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



55.8664, 0.2687, 0.2582



95.2216, 0.3518, 0.3911

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.



55.8664, 0.3106, 0.3991



55.8664, 0.2687, 0.2582



55.8664, 0.3877, 0.3944

Square

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



55.8664, 0.2687, 0.2582



55.8664, 0.3892, 0.3289



55.8664, 0.3540, 0.4089



55.8664, 0.2413, 0.3216

Rectangle

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



55.8664, 0.2687, 0.2582



55.8664, 0.3402, 0.2859



55.8664, 0.3540, 0.4089



55.8664, 0.2823, 0.3786

Sweetspot

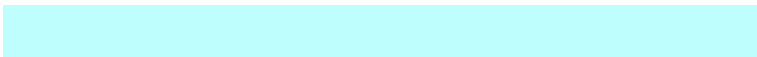
The Sweet Spot groups the original color and five complimentary colors.



55.8657, 0.2687, 0.2582



84.3630, 0.3003, 0.3091



89.5472, 0.2763, 0.3312



17.4677, 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.



55.8657, 0.2687, 0.2582



48.4421, 0.2576, 0.2403



59.3100, 0.2899, 0.2602



17.4677, 0.2978, 0.3052



3.9010, 0.1505, 0.0618



0.4101, 0.1517, 0.0662

Inverse Universe

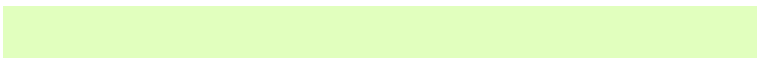
The Inverse Universe completely reimagines the original color for something new.



61.8888, 0.3655, 0.3271



55.5213, 0.3814, 0.3266



91.1907, 0.3312, 0.3974



17.9962, 0.3290, 0.3283



11.1218, 0.6370, 0.3282



1.0859, 0.6295, 0.3242

Previews

White Background



This preview shows how the Yxy color 55.8664, 0.2687, 0.2582 looks on a white background.

Color Contrast Check

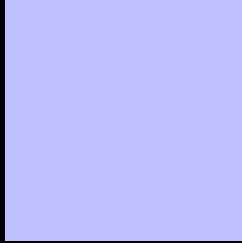
Large Text (above 18pt) WCAG AA × Fail

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 55.8664, 0.2687, 0.2582 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

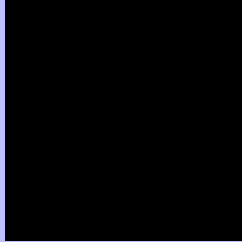
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 55.8664, 0.2687, 0.2582

Background



This preview shows how black text looks on a background with the Yxy color 55.8664, 0.2687, 0.2582.

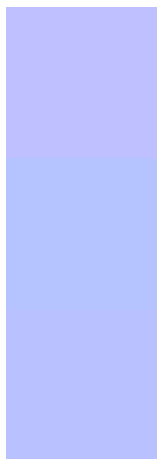


This preview shows how white text looks on a background with the Yxy color 55.8664, 0.2687, 0.2582.

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

55.8664, 0.2687, 0.2582

Protanopia

56.0740, 0.2632, 0.2606

Deuteranopia

55.6742, 0.2655, 0.2588



Tritanopia

55.6982, 0.2888, 0.3095

Trichromacy



Original Color

55.8664, 0.2687, 0.2582

Protanomaly

55.9939, 0.2650, 0.2598

Deuteranomaly

55.9247, 0.2668, 0.2590

Tritanomaly

55.5073, 0.2810, 0.2887

Monochromacy



Original Color

55.8664, 0.2687, 0.2582

Achromatopsia

57.1125, 0.3127, 0.3290

Achromatomaly

56.3301, 0.2963, 0.3019

CSS Examples

Text

The CSS property to change the color of the text to Yxy 55.8664, 0.2687, 0.2582 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, 255)` looks like.

```
.text, #text, p{  
    color:rgb(190, 192, 255)  
}
```

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, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(190, 192, 255) }
```

Border

The CSS property to change the border of an element to Yxy 55.8664, 0.2687, 0.2582 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, 255) }
```

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

```
.border{ border-color:rgb(190, 192, 255) }
```

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, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(190, 192, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(190, 192, 255);  
box-shadow:4px 4px 4px 4px rgb(190, 192,  
255) }
```


Background

The CSS property to change the background color of an element to Yxy 55.8664, 0.2687, 0.2582 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, 255) }
```

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

```
.background{ background-color: rgb(190,  
192, 255) }
```

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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