

Converting Colors

$Yxy(55.9928, 0.2445, 0.2493)$

Have a look what the booklet for
Yxy(55.9928, 0.2445, 0.2493)
contains.

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Color

Yxy(55.0817, 0.2508, 0.2619)

Conversions

Conversions Part 1

Format	Color
Hex	A0C6FF
RGB	160, 198, 255
RGB Percent	63%, 78%, 100%
CMY	0.3725, 0.2235, 0.0000
CMYK	0.37, 0.22, 0.00, 0.00
HSL	216°, 100%, 81%
HSV	216°, 37%, 100%
XYZ	52.7472, 55.0817, 102.4869
YIQ	193.1360, -40.9450, 9.6710

Conversions

Conversions Part 2

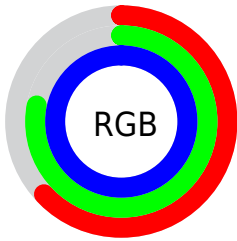
Format	Color
RYB	160, 187, 255
Decimal	10536703
CIELab	79.09, 1.02, -32.06
CIELCh	79, 32.076, 271.831
Yxy	55.0817, 0.2508, 0.2619
Android (android.graphics.Color)	4288726783 (0xFFA0C6FF)
YUV	193.1360, 30.4990, -29.0603
Hunter-Lab	74.2170, -3.0171, -29.9221

Details

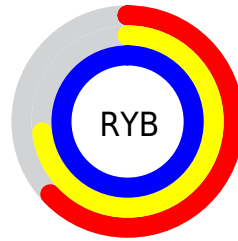
The Yxy color **55.0817, 0.2508, 0.2619** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **73.4346, 0.3822, 0.3876**, and the grayscale version is **53.2489, 0.3127, 0.3290**.

A 20% lighter version of the original color is **93.4917, 0.2900, 0.3289**, and **27.0270, 0.2357, 0.2450** is the 20% darker color. If you saturate the color by 10%, you get **46.0711, 0.2335, 0.2399**, and if you desaturate by 10%, it is **65.3380, 0.2682, 0.2824**.

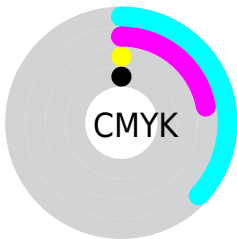
Distribution



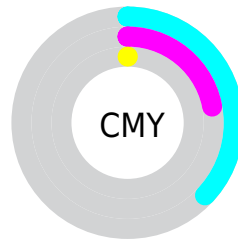
- Red (63%)
- Green (78%)
- Blue (100%)



- Red (63%)
- Yellow (73%)
- Blue (100%)



- Cyan (37%)
- Magenta (22%)
- Yellow (0%)
- Black (0%)




- Cyan (37%)
- Magenta (22%)
- Yellow (0%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 55.0817, 0.2508, 0.2619 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 55.0817, 0.2508, 0.2619 by changing the saturation by 10% instead.


 55.0817, 0.2508,
0.2619


 55.0817, 0.2508,
0.2619


406.2216, 0.2802,
0.2937

 39.4671, 0.2440,
0.2546


 97.6606, 0.2611,
0.2730

 27.1233, 0.2355,
0.2455


 125.3938, 0.2651,
0.2773

 17.6659, 0.2248,
0.2339


157.9353, 0.2685,
0.2810

 10.7104, 0.2108,
0.2189

195.6695, 0.2715,
0.2842

 5.8724, 0.1918,
0.1987

238.9809, 0.2741,
0.2870

 2.7677, 0.1653,
0.1704

288.2537, 0.2763,

 1.0117, 0.1266,

0.2895

0.1294

343.8725, 0.2784,
0.2917

0.0000, 0.0000,
0.0000

55.0817, 0.2508,
0.2619

55.0817, 0.2508,
0.2619

46.0711, 0.2335,
0.2399

65.3380, 0.2682,
0.2824

38.2524, 0.2167,
0.2168

76.8906, 0.2852,
0.3011

31.5667, 0.2013,
0.1931

89.7867, 0.3015,
0.3180

25.9493, 0.1879,
0.1699

100.0000, 0.3127,
0.3290

21.3267, 0.1772,
0.1478

■ 17.6094, 0.1693,
0.1279

■ 16.7157, 0.1675,
0.1228

Harmonies

Analogous

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



55.0817, 0.2356, 0.2775



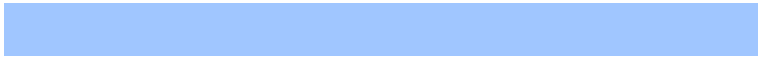
55.0817, 0.2508, 0.2619



55.0817, 0.2824, 0.2631

Triad

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



55.0817, 0.2508, 0.2619



55.0817, 0.3924, 0.3403



55.0817, 0.2972, 0.3874

Complementary

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



55.0817, 0.2508, 0.2619



73.4346, 0.3822, 0.3876

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.



55.0817, 0.3393, 0.4051



55.0817, 0.2508, 0.2619



55.0817, 0.3959, 0.3736

Square

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



55.0817, 0.2508, 0.2619



55.0817, 0.3655, 0.3068



55.0817, 0.3758, 0.3984



55.0817, 0.2609, 0.3504

Rectangle

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



55.0817, 0.2508, 0.2619



55.0817, 0.3098, 0.2725



55.0817, 0.3758, 0.3984



55.0817, 0.3111, 0.3960

Sweetspot

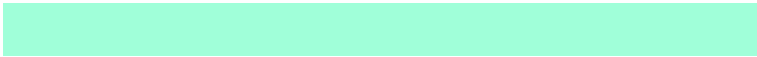
The Sweet Spot groups the original color and five complimentary colors.



55.0816, 0.2508, 0.2619



84.7886, 0.2955, 0.3119



84.0053, 0.2786, 0.3728



17.7718, 0.2933, 0.3096



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.



55.0816, 0.2508, 0.2619



47.9914, 0.2373, 0.2450



40.8592, 0.2506, 0.2174



18.5697, 0.2979, 0.3143



9.0069, 0.1683, 0.1258



1.0838, 0.1745, 0.1481

Inverse Universe

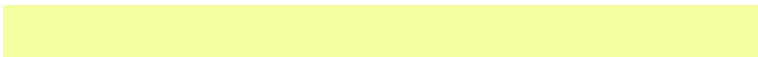
The Inverse Universe completely reimagines the original color for something new.



50.4842, 0.3672, 0.2897



43.6402, 0.3841, 0.2816



93.5614, 0.3623, 0.4241



18.1074, 0.3231, 0.3195



11.6372, 0.5385, 0.2740



1.1540, 0.5083, 0.2574

Previews

White Background



This preview shows how the Yxy color 55.0817, 0.2508, 0.2619 looks on a white background.

Color Contrast Check

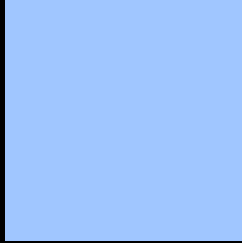
Large Text (above 18pt) WCAG AA × Fail

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 55.0817, 0.2508, 0.2619 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

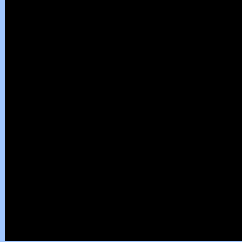
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

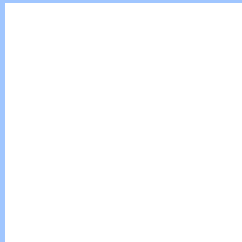
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 55.0817, 0.2508, 0.2619

Background



This preview shows how black text looks on a background with the Yxy color 55.0817, 0.2508, 0.2619.



This preview shows how white text looks on a background with the Yxy color 55.0817, 0.2508, 0.2619.

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

55.0817, 0.2508, 0.2619

Protanopia

54.8083, 0.2646, 0.2622

Deuteranopia

54.8644, 0.2634, 0.2572



Tritanopia

55.0816, 0.2656, 0.3074

Trichromacy



Original Color

55.0817, 0.2508, 0.2619

Protanomaly

54.9427, 0.2598, 0.2628

Deuteranomaly

54.8022, 0.2586, 0.2586

Tritanomaly

55.0928, 0.2603, 0.2906

Monochromacy



Original Color

55.0817, 0.2508, 0.2619

Achromatopsia

53.3276, 0.3127, 0.3290

Achromatomaly

53.8118, 0.2872, 0.3033

CSS Examples

Text

The CSS property to change the color of the text to Yxy 55.0817, 0.2508, 0.2619 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(160, 198, 255)` looks like.

```
.text, #text, p{  
    color:rgb(160, 198, 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(160, 198, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(160, 198, 255) }
```

Border

The CSS property to change the border of an element to Yxy 55.0817, 0.2508, 0.2619 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(160, 198, 255) }
```

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

```
.border{ border-color:rgb(160, 198, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(160, 198, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(160, 198, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(160, 198, 255);  
box-shadow:4px 4px 4px 4px rgb(160, 198,  
255) }
```


Background

The CSS property to change the background color of an element to Yxy 55.0817, 0.2508, 0.2619 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(160, 198, 255) }
```

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

```
.background{ background-color: rgb(160,  
198, 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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