

Converting Colors

Yxy(55.0823, 0.2460, 0.2719)

Have a look what the booklet for
Yxy(55.0823, 0.2460, 0.2719)
contains.

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Color

Yxy(55.1004, 0.2463, 0.2719)

Conversions

Conversions Part 1

Format	Color
Hex	91CAF9
RGB	145, 202, 249
RGB Percent	57%, 79%, 98%
CMY	0.4309, 0.2079, 0.0235
CMYK	0.42, 0.19, 0.00, 0.02
HSL	207°, 90%, 77%
HSV	207°, 42%, 98%
XYZ	49.9126, 55.1004, 97.6365
YIQ	190.3150, -49.0590, 2.5330

Conversions

Conversions Part 2

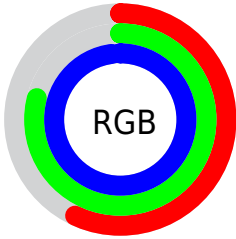
Format	Color
R _Y B	145, 182, 249
Decimal	9554681
CIE Lab	79.10, -6.52, -28.90
CIE LCh	79, 29.624, 257.290
Yxy	55.1004, 0.2463, 0.2719
Android (android.graphics.Color)	4287744761 (0xFF91CAF9)
YUV	190.3150, 28.9317, -39.7413
Hunter-Lab	74.2296, -9.8771, -26.0252

Details

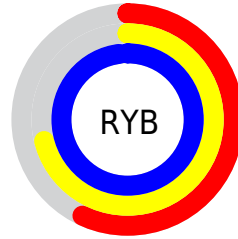
The Yxy color **55.1004, 0.2463, 0.2719** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **59.9547, 0.3989, 0.3792**, and the grayscale version is **51.5492, 0.3127, 0.3290**.

A 20% lighter version of the original color is **91.2966, 0.2816, 0.3289**, and **27.1094, 0.2304, 0.2578** is the 20% darker color. If you saturate the color by 10%, you get **47.9831, 0.2310, 0.2552**, and if you desaturate by 10%, it is **63.1041, 0.2622, 0.2876**.

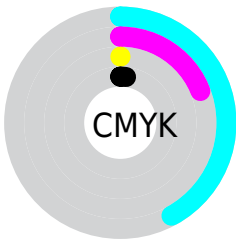
Distribution



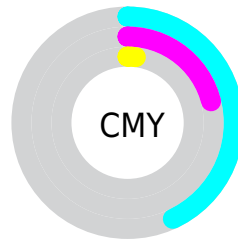
- Red (57%)
- Green (79%)
- Blue (98%)



- Red (57%)
- Yellow (71%)
- Blue (98%)



- Cyan (42%)
- Magenta (19%)
- Yellow (0%)
- Black (2%)



- Cyan (43%)
- Magenta (21%)
- Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 55.1004, 0.2463, 0.2719 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 55.1004, 0.2463, 0.2719 by changing the saturation by 10% instead.

■ 55.1004, 0.2463,
0.2719

■ 55.1004, 0.2463,
0.2719

406.2924, 0.2777,
0.2994

■ 39.4821, 0.2390,
0.2654

■ 97.6880, 0.2573,
0.2816

■ 27.1350, 0.2301,
0.2573

■ 125.4262, 0.2615,
0.2854

■ 17.6746, 0.2187,
0.2469

157.9731, 0.2652,
0.2886

■ 10.7166, 0.2038,
0.2331

195.7131, 0.2683,
0.2913

■ 5.8766, 0.1838,
0.2142

239.0306, 0.2711,
0.2937

■ 2.7702, 0.1558,
0.1871

288.3101, 0.2736,

■ 1.0130, 0.1152,

0.2959

0.1462

343.9359, 0.2757,
0.2978

0.0000, 0.0000,
0.0000

55.1004, 0.2463,
0.2719

55.1004, 0.2463,
0.2719

47.9831, 0.2310,
0.2552

63.1041, 0.2622,
0.2876

41.7051, 0.2169,
0.2377

72.0257, 0.2784,
0.3021

36.2233, 0.2045,
0.2199

81.9024, 0.2944,
0.3152

31.4868, 0.1941,
0.2020

92.7672, 0.3101,
0.3271

27.4357, 0.1860,
0.1847

99.6203, 0.3162,
0.3347

■ 24.5299, 0.1808,
0.1710

Harmonies

Analogous

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



55.1004, 0.2404, 0.2941



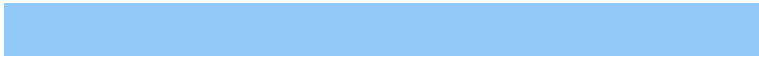
55.1004, 0.2463, 0.2719



55.1004, 0.2688, 0.2654

Triad

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



55.1004, 0.2463, 0.2719



55.1004, 0.3765, 0.3243



55.1004, 0.3174, 0.3933

Complementary

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



55.1004, 0.2463, 0.2719



59.9547, 0.3989, 0.3792

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.



55.1004, 0.3552, 0.3988



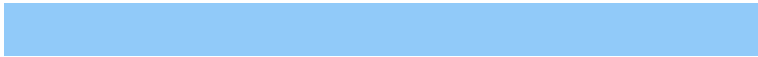
55.1004, 0.2463, 0.2719



55.1004, 0.3908, 0.3562

Square

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



55.1004, 0.2463, 0.2719



55.1004, 0.3440, 0.2950



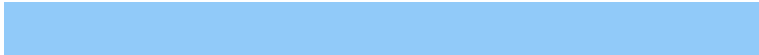
55.1004, 0.3825, 0.3839



55.1004, 0.2799, 0.3667

Rectangle

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



55.1004, 0.2463, 0.2719



55.1004, 0.2913, 0.2695



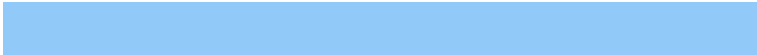
55.1004, 0.3825, 0.3839



55.1004, 0.3305, 0.3977

Sweetspot

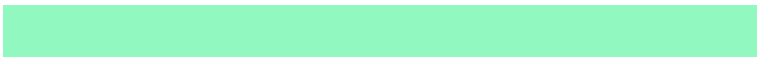
The Sweet Spot groups the original color and five complimentary colors.



55.1025, 0.2463, 0.2719



85.0422, 0.2924, 0.3136



77.5894, 0.2831, 0.3988



17.6968, 0.2889, 0.3108



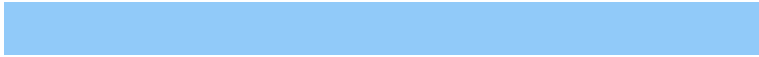
0.0000, 0.0000, 0.0000



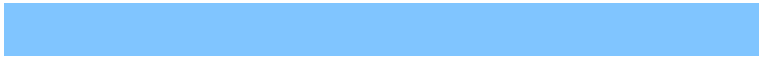
21.4041, 0.3127, 0.3290

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



55.1025, 0.2463, 0.2719



51.8314, 0.2335, 0.2580



34.7829, 0.2355, 0.2061



18.2177, 0.2980, 0.3180



13.4170, 0.1816, 0.1736



1.4545, 0.1871, 0.1937

Inverse Universe

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



44.6919, 0.3609, 0.2694



40.6124, 0.3750, 0.2581



86.7817, 0.3771, 0.4279



17.3842, 0.3208, 0.3161



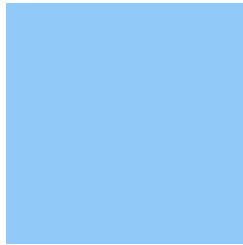
11.7654, 0.4762, 0.2397



1.1111, 0.4525, 0.2266

Previews

White Background



This preview shows how the Yxy color 55.1004, 0.2463, 0.2719 looks on a white background.

Color Contrast Check

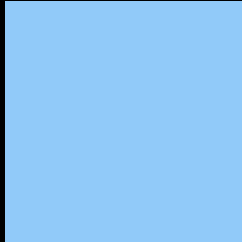
Large Text (above 18pt) WCAG AA × Fail

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 55.1004, 0.2463, 0.2719 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

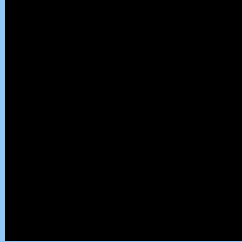
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

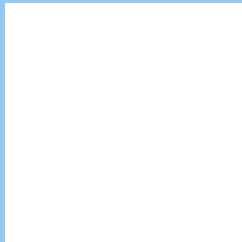
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 55.1004, 0.2463, 0.2719

Background



This preview shows how black text looks on a background with the Yxy color 55.1004, 0.2463, 0.2719.



This preview shows how white text looks on a background with the Yxy color 55.1004, 0.2463, 0.2719.

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

55.1004, 0.2463, 0.2719

Protanopia

54.6783, 0.2713, 0.2708

Deuteranopia

54.8547, 0.2671, 0.2615



Tritanopia

55.3566, 0.2568, 0.3083

Trichromacy



Original Color

55.1004, 0.2463, 0.2719

Protanomaly

54.5074, 0.2613, 0.2709

Deuteranomaly

54.9280, 0.2592, 0.2657

Tritanomaly

55.1516, 0.2533, 0.2949

Monochromacy



Original Color

55.1004, 0.2463, 0.2719

Achromatopsia

51.4918, 0.3127, 0.3290

Achromatomaly

52.2854, 0.2854, 0.3076

CSS Examples

Text

The CSS property to change the color of the text to Yxy 55.1004, 0.2463, 0.2719 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(145, 202, 249)` looks like.

```
.text, #text, p{  
    color:rgb(145, 202, 249)  
}
```

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(145, 202, 249) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(145, 202, 249) }
```

Border

The CSS property to change the border of an element to Yxy 55.1004, 0.2463, 0.2719 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(145, 202, 249) }
```

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

```
.border{ border-color:rgb(145, 202, 249) }
```

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

Here you see how a box with a 4 pixel `rgb(145, 202, 249)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(145, 202, 249); -webkit-box-shadow:4px 4px 4px 4px rgb(145, 202, 249); box-shadow:4px 4px 4px 4px rgb(145, 202, 249) }
```


Background

The CSS property to change the background color of an element to Yxy 55.1004, 0.2463, 0.2719 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(145, 202, 249) }
```

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

```
.background{ background-color: rgb(145,  
202, 249) }
```

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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