

Converting Colors

$Yxy(55.4744, 0.2514, 0.2683)$

Have a look what the booklet for
Yxy(55.4744, 0.2514, 0.2683)
contains.

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Color

Yxy(55.4417, 0.2515, 0.2683)

Conversions

Conversions Part 1

Format	Color
Hex	9DC8FB
RGB	157, 200, 251
RGB Percent	62%, 78%, 98%
CMY	0.3843, 0.2157, 0.0157
CMYK	0.37, 0.20, 0.00, 0.02
HSL	213°, 92%, 80%
HSV	213°, 37%, 98%
XYZ	51.9701, 55.4417, 99.2289
YIQ	192.9570, -41.9990, 6.7450

Conversions

Conversions Part 2

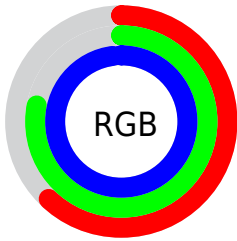
Format	Color
RYB	157, 187, 251
Decimal	10340603
CIELab	79.30, -1.89, -29.60
CIELCh	79, 29.664, 266.340
Yxy	55.4417, 0.2515, 0.2683
Android (android.graphics.Color)	4288530683 (0xFF9DC8FB)
YUV	192.9570, 28.6152, -31.5343
Hunter-Lab	74.4592, -5.7163, -26.8921

Details

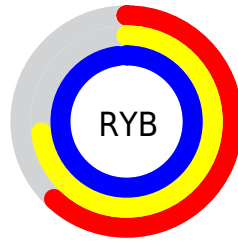
The Yxy color **55.4417, 0.2515, 0.2683** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **68.0506, 0.3846, 0.3825**, and the grayscale version is **53.1497, 0.3127, 0.3290**.

A 20% lighter version of the original color is **93.0361, 0.2883, 0.3289**, and **27.2776, 0.2367, 0.2532** is the 20% darker color. If you saturate the color by 10%, you get **47.1443, 0.2348, 0.2485**, and if you desaturate by 10%, it is **64.8236, 0.2684, 0.2867**.

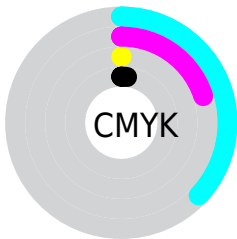
Distribution



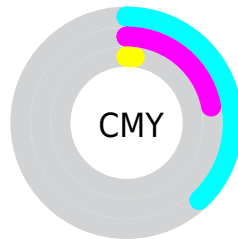
- Red (62%)
- Green (78%)
- Blue (98%)



- Red (62%)
- Yellow (73%)
- Blue (98%)



- Cyan (37%)
- Magenta (20%)
- Yellow (0%)
- Black (2%)



- Cyan (38%)
- Magenta (22%)
- Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 55.4417, 0.2515, 0.2683 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 55.4417, 0.2515, 0.2683 by changing the saturation by 10% instead.

■ 55.4417, 0.2515,
0.2683

■ 55.4417, 0.2515,
0.2683

407.5841, 0.2805,
0.2973

■ 39.7555, 0.2448,
0.2615

■ 98.1878, 0.2617,
0.2785

■ 27.3479, 0.2364,
0.2531

■ 126.0165, 0.2656,
0.2824

■ 17.8347, 0.2258,
0.2424

158.6614, 0.2690,
0.2858

■ 10.8314, 0.2119,
0.2284

196.5071, 0.2719,
0.2887

■ 5.9536, 0.1932,
0.2093

239.9377, 0.2745,
0.2912

■ 2.8169, 0.1667,
0.1821

289.3379, 0.2767,

■ 1.0369, 0.1279,

0.2935

0.1418

345.0919, 0.2787,
0.2955

0.0000, 0.0000,
0.0000

55.4417, 0.2515,
0.2683

55.4417, 0.2515,
0.2683

47.1443, 0.2348,
0.2485

64.8236, 0.2684,
0.2867

39.8785, 0.2189,
0.2277

75.3269, 0.2851,
0.3036

33.5958, 0.2044,
0.2063

86.9944, 0.3012,
0.3188

28.2398, 0.1918,
0.1849

99.4072, 0.3151,
0.3323

23.7465, 0.1816,
0.1644

99.7451, 0.3150,
0.3328

■ 20.0362, 0.1741,
0.1453

■ 19.1903, 0.1724,
0.1406

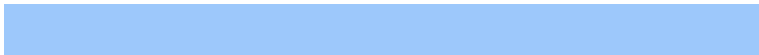
Harmonies

Analogous

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



55.4417, 0.2404, 0.2859



55.4417, 0.2515, 0.2683



55.4417, 0.2784, 0.2665

Triad

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



55.4417, 0.2515, 0.2683



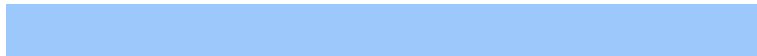
55.4417, 0.3831, 0.3339



55.4417, 0.3056, 0.3872

Complementary

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



55.4417, 0.2515, 0.2683



68.0506, 0.3846, 0.3825

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.



55.4417, 0.3444, 0.3995



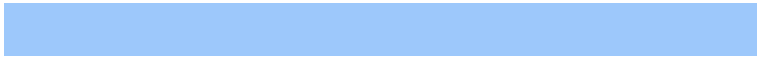
55.4417, 0.2515, 0.2683



55.4417, 0.3906, 0.3653

Square

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



55.4417, 0.2515, 0.2683



55.4417, 0.3551, 0.3032



55.4417, 0.3759, 0.3901



55.4417, 0.2702, 0.3557

Rectangle

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



55.4417, 0.2515, 0.2683



55.4417, 0.3029, 0.2735



55.4417, 0.3759, 0.3901



55.4417, 0.3186, 0.3938

Sweetspot

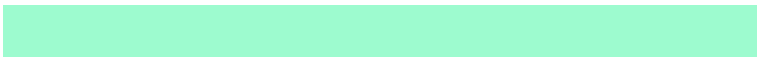
The Sweet Spot groups the original color and five complimentary colors.



55.4438, 0.2515, 0.2683



85.7357, 0.2955, 0.3135



80.6740, 0.2816, 0.3807



17.9970, 0.2933, 0.3115



0.0000, 0.0000, 0.0000



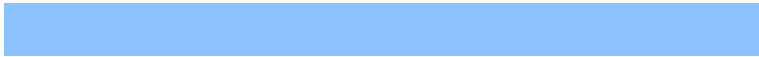
21.4041, 0.3127, 0.3290

Same Dimension

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



55.4438, 0.2515, 0.2683



50.8474, 0.2388, 0.2534



38.5641, 0.2458, 0.2155



17.9514, 0.2979, 0.3158



10.3705, 0.1732, 0.1436



1.1696, 0.1795, 0.1663

Inverse Universe

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



48.7920, 0.3623, 0.2839



43.9285, 0.3771, 0.2749



91.3614, 0.3669, 0.4230



17.3573, 0.3222, 0.3182



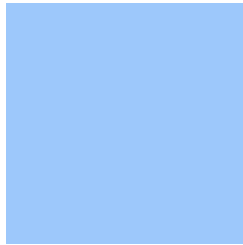
11.4578, 0.5142, 0.2607



1.0823, 0.4853, 0.2447

Previews

White Background



This preview shows how the Yxy color 55.4417, 0.2515, 0.2683 looks on a white background.

Color Contrast Check

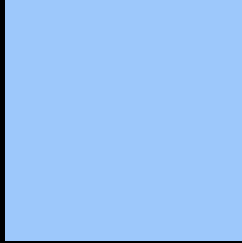
Large Text (above 18pt) WCAG AA × Fail

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 55.4417, 0.2515, 0.2683 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

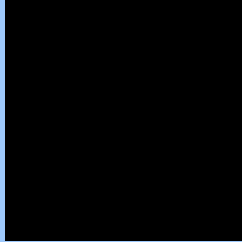
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

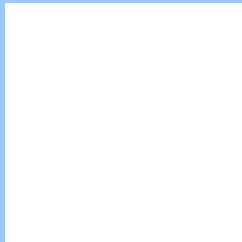
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 55.4417, 0.2515, 0.2683

Background



This preview shows how black text looks on a background with the Yxy color 55.4417, 0.2515, 0.2683.



This preview shows how white text looks on a background with the Yxy color 55.4417, 0.2515, 0.2683.

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

55.4417, 0.2515, 0.2683

Protanopia

55.3663, 0.2690, 0.2678

Deuteranopia

55.1054, 0.2666, 0.2596



Tritanopia

55.4206, 0.2640, 0.3074

Trichromacy



Original Color

55.4417, 0.2515, 0.2683

Protanomaly

55.2558, 0.2628, 0.2682

Deuteranomaly

55.1724, 0.2610, 0.2630

Tritanomaly

55.3674, 0.2593, 0.2918

Monochromacy



Original Color

55.4417, 0.2515, 0.2683

Achromatopsia

53.3276, 0.3127, 0.3290

Achromatomaly

54.0382, 0.2879, 0.3068

CSS Examples

Text

The CSS property to change the color of the text to Yxy 55.4417, 0.2515, 0.2683 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(157, 200, 251)` looks like.

```
.text, #text, p{  
    color:rgb(157, 200, 251)  
}
```

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(157, 200, 251) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(157, 200, 251) }
```

Border

The CSS property to change the border of an element to Yxy 55.4417, 0.2515, 0.2683 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(157, 200, 251) }
```

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

```
.border{ border-color:rgb(157, 200, 251) }
```

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

Here you see how a box with a 4 pixel rgb(157, 200, 251) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(157, 200, 251); -webkit-box-  
shadow:4px 4px 4px 4px rgb(157, 200, 251);  
box-shadow:4px 4px 4px 4px rgb(157, 200,  
251) }
```


Background

The CSS property to change the background color of an element to Yxy 55.4417, 0.2515, 0.2683 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(157, 200, 251) }
```

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

```
.background{ background-color: rgb(157,  
200, 251) }
```

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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