

Converting Colors

Yxy(54.5808, 0.2561, 0.2742)

Have a look what the booklet for
Yxy(54.5808, 0.2561, 0.2742)
contains.

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Color

Yxy(54.7494, 0.2562, 0.2748)

Conversions

Conversions Part 1

Format	Color
Hex	9FC7F4
RGB	159, 199, 244
RGB Percent	62%, 78%, 96%
CMY	0.3765, 0.2196, 0.0433
CMYK	0.35, 0.18, 0.00, 0.04
HSL	212°, 79%, 79%
HSV	212°, 35%, 96%
XYZ	51.0437, 54.7494, 93.4406
YIQ	192.1700, -38.2850, 5.5150

Conversions

Conversions Part 2

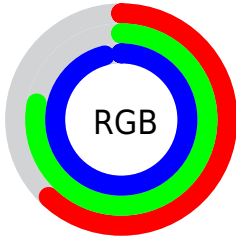
Format	Color
R _Y B	159, 186, 244
Decimal	10471412
CIE Lab	78.90, -2.62, -26.44
CIE LCh	79, 26.574, 264.339
Yxy	54.7494, 0.2562, 0.2748
Android (android.graphics.Color)	4288661492 (0xFF9FC7F4)
YUV	192.1700, 25.5522, -29.0901
Hunter-Lab	73.9928, -6.3500, -23.0784

Details

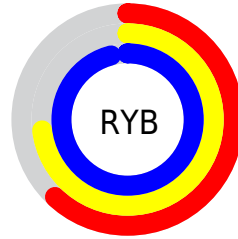
The Yxy color **54.7494, 0.2562, 0.2748** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **64.8874, 0.3789, 0.3775**, and the grayscale version is **52.6800, 0.3127, 0.3290**.

A 20% lighter version of the original color is **93.3389, 0.2894, 0.3289**, and **26.8247, 0.2414, 0.2600** is the 20% darker color. If you saturate the color by 10%, you get **46.8092, 0.2396, 0.2559**, and if you desaturate by 10%, it is **63.6898, 0.2729, 0.2923**.

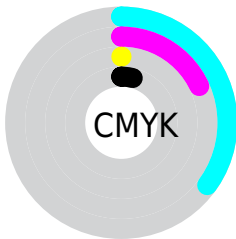
Distribution



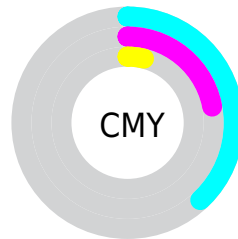
- Red (62%)
- Green (78%)
- Blue (96%)



- Red (62%)
- Yellow (73%)
- Blue (96%)



- Cyan (35%)
- Magenta (18%)
- Yellow (0%)
- Black (4%)



- Cyan (38%)
- Magenta (22%)
- Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 54.7494, 0.2562, 0.2748 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 54.7494, 0.2562, 0.2748 by changing the saturation by 10% instead.

■ 54.7494, 0.2562,
0.2748

■ 54.7494, 0.2562,
0.2748

404.9613, 0.2831,
0.3008

■ 39.2011, 0.2499,
0.2687

■ 97.1737, 0.2657,
0.2840

■ 26.9162, 0.2421,
0.2610

■ 124.8185, 0.2693,
0.2875

■ 17.5103, 0.2321,
0.2512

157.2643, 0.2724,
0.2906

■ 10.5990, 0.2189,
0.2381

194.8954, 0.2752,
0.2932

■ 5.7979, 0.2009,
0.2202

238.0962, 0.2775,
0.2954

■ 2.7226, 0.1751,
0.1942

287.2512, 0.2796,

■ 0.9887, 0.1362,

0.2975

0.1544

342.7448, 0.2815,
0.2992

0.0000, 0.0000,
0.0000

54.7494, 0.2562,
0.2748

54.7494, 0.2562,
0.2748

46.8092, 0.2396,
0.2559

63.6898, 0.2729,
0.2923

39.8212, 0.2236,
0.2358

73.6626, 0.2894,
0.3083

33.7425, 0.2089,
0.2151

84.7064, 0.3053,
0.3226

28.5233, 0.1959,
0.1942

96.5566, 0.3194,
0.3354

24.1074, 0.1852,
0.1739

99.3098, 0.3191,
0.3396

■ 20.4281, 0.1771,
0.1546

■ 18.7714, 0.1737,
0.1453

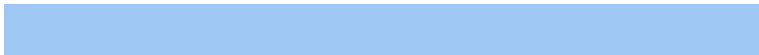
Harmonies

Analogous

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



54.7494, 0.2471, 0.2919



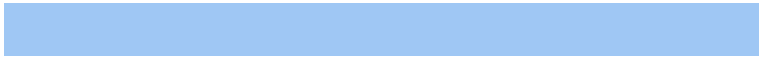
54.7494, 0.2562, 0.2748



54.7494, 0.2799, 0.2720

Triad

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



54.7494, 0.2562, 0.2748



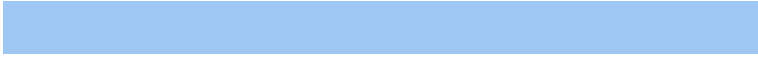
54.7494, 0.3747, 0.3318



54.7494, 0.3088, 0.3823

Complementary

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



54.7494, 0.2562, 0.2748



64.8874, 0.3789, 0.3775

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.



54.7494, 0.3436, 0.3922



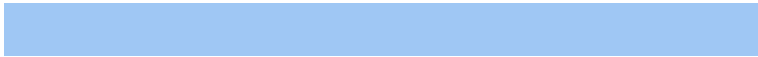
54.7494, 0.2562, 0.2748



54.7494, 0.3830, 0.3604

Square

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



54.7494, 0.2562, 0.2748



54.7494, 0.3487, 0.3040



54.7494, 0.3711, 0.3831



54.7494, 0.2763, 0.3552

Rectangle

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



54.7494, 0.2562, 0.2748



54.7494, 0.3016, 0.2778



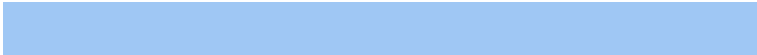
54.7494, 0.3711, 0.3831



54.7494, 0.3206, 0.3878

Sweetspot

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



54.7515, 0.2562, 0.2748



87.1738, 0.2971, 0.3154



76.3591, 0.2843, 0.3782



18.2939, 0.2949, 0.3133



0.0000, 0.0000, 0.0000



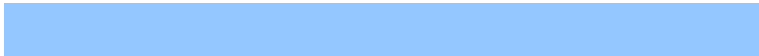
21.4041, 0.3127, 0.3290

Same Dimension

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



54.7515, 0.2562, 0.2748



54.0528, 0.2441, 0.2612



38.8347, 0.2504, 0.2246



17.2139, 0.2980, 0.3161



10.4784, 0.1745, 0.1481



1.1250, 0.1810, 0.1716

Inverse Universe

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



48.1420, 0.3565, 0.2860



46.5016, 0.3696, 0.2770



86.1613, 0.3643, 0.4162



16.6125, 0.3220, 0.3179



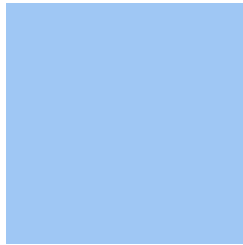
11.1572, 0.5083, 0.2574



1.0012, 0.4787, 0.2411

Previews

White Background



This preview shows how the Yxy color 54.7494, 0.2562, 0.2748 looks on a white background.

Color Contrast Check

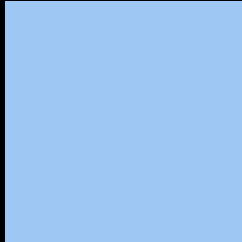
Large Text (above 18pt) WCAG AA × Fail

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 54.7494, 0.2562, 0.2748 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

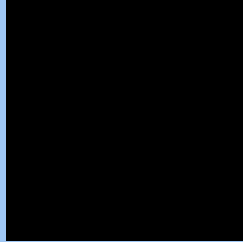
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

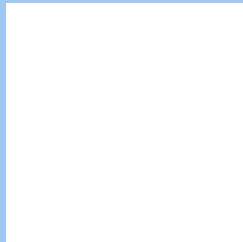
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 54.7494, 0.2562, 0.2748

Background



This preview shows how black text looks on a background with the Yxy color 54.7494, 0.2562, 0.2748.



This preview shows how white text looks on a background with the Yxy color 54.7494, 0.2562, 0.2748.

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

54.7494, 0.2562, 0.2748

Protanopia

54.6215, 0.2738, 0.2741

Deuteranopia

54.4802, 0.2720, 0.2658



Tritanopia

54.6515, 0.2666, 0.3073

Trichromacy



Original Color

54.7494, 0.2562, 0.2748

Protanomaly

54.4950, 0.2674, 0.2745

Deuteranomaly

54.5233, 0.2662, 0.2693

Tritanomaly

54.8668, 0.2626, 0.2953

Monochromacy



Original Color

54.7494, 0.2562, 0.2748

Achromatopsia

52.7115, 0.3127, 0.3290

Achromatomaly

53.4367, 0.2898, 0.3092

CSS Examples

Text

The CSS property to change the color of the text to Yxy 54.7494, 0.2562, 0.2748 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(159, 199, 244)` looks like.

```
.text, #text, p{  
    color:rgb(159, 199, 244)  
}
```

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(159, 199, 244) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(159, 199, 244) }
```

Border

The CSS property to change the border of an element to Yxy 54.7494, 0.2562, 0.2748 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(159, 199, 244) }
```

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

```
.border{ border-color:rgb(159, 199, 244) }
```

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

Here you see how a box with a 4 pixel `rgb(159, 199, 244)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(159, 199, 244); -webkit-box-  
shadow:4px 4px 4px 4px rgb(159, 199, 244);  
box-shadow:4px 4px 4px 4px rgb(159, 199,  
244) }
```


Background

The CSS property to change the background color of an element to Yxy 54.7494, 0.2562, 0.2748 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(159, 199, 244) }
```

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

```
.background{ background-color: rgb(159,  
199, 244) }
```

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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