

Converting Colors

$Y_{xy}(54.2537, 0.2510, 0.2595)$

Have a look what the booklet for
Yxy(54.2537, 0.2510, 0.2595)
contains.

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Color

Yxy(54.2769, 0.2510, 0.2596)

Conversions

Conversions Part 1

Format	Color
Hex	A1C4FF
RGB	161, 196, 255
RGB Percent	63%, 77%, 100%
CMY	0.3689, 0.2313, 0.0000
CMYK	0.37, 0.23, 0.00, 0.00
HSL	218°, 100%, 82%
HSV	218°, 37%, 100%
XYZ	52.4788, 54.2769, 102.3232
YIQ	192.2610, -39.7990, 10.9290

Conversions

Conversions Part 2

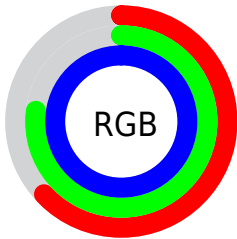
Format	Color
RYB	161, 187, 255
Decimal	10601727
CIELab	78.62, 2.33, -32.76
CIElCh	79, 32.840, 274.073
Yxy	54.2769, 0.2510, 0.2596
Android (android.graphics.Color)	4288791807 (0xFFA1C4FF)
YUV	192.2610, 30.9303, -27.4159
Hunter-Lab	73.6729, -1.7780, -30.7761

Details

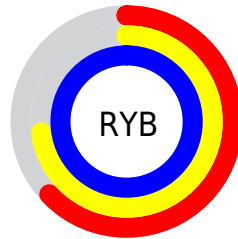
The Yxy color **54.2769, 0.2510, 0.2596** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **74.9760, 0.3804, 0.3895**, and the grayscale version is **52.7005, 0.3127, 0.3290**.

A 20% lighter version of the original color is **91.7462, 0.2905, 0.3259**, and **26.4874, 0.2358, 0.2419** is the 20% darker color. If you saturate the color by 10%, you get **45.0610, 0.2333, 0.2366**, and if you desaturate by 10%, it is **64.8050, 0.2686, 0.2810**.

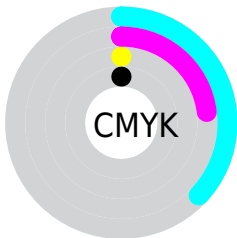
Distribution



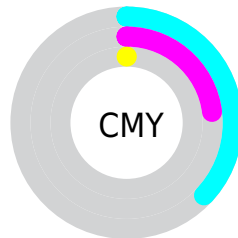
- Red (63%)
- Green (77%)
- Blue (100%)



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



- Cyan (37%)
- Magenta (23%)
- Yellow (0%)
- Black (0%)



- Cyan (37%)
- Magenta (23%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 54.2769, 0.2510, 0.2596 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 54.2769, 0.2510, 0.2596 by changing the saturation by 10% instead.

■ 54.2769, 0.2510,
0.2596

■ 54.2769, 0.2510,
0.2596

403.1650, 0.2804,
0.2924

■ 38.8231, 0.2442,
0.2520

■ 96.4807, 0.2613,
0.2711

■ 26.6221, 0.2357,
0.2426

■ 123.9995, 0.2653,
0.2755

■ 17.2896, 0.2249,
0.2307

156.3087, 0.2687,
0.2793

■ 10.4412, 0.2108,
0.2153

193.7927, 0.2717,
0.2826

■ 5.6925, 0.1917,
0.1945

236.8359, 0.2743,
0.2855

■ 2.6590, 0.1648,
0.1655

285.8228, 0.2766,

■ 0.9564, 0.1257,

0.2881

0.1239

341.1377, 0.2786,
0.2904

■ 0.0000, 0.0000,
0.0000

■ 54.2769, 0.2510,
0.2596

■ 54.2769, 0.2510,
0.2596

■ 45.0610, 0.2333,
0.2366

■ 64.8050, 0.2686,
0.2810

■ 37.0954, 0.2162,
0.2124

■ 76.6936, 0.2858,
0.3005

■ 30.3198, 0.2004,
0.1878

■ 89.9942, 0.3021,
0.3181

■ 24.6660, 0.1866,
0.1637

100.0000, 0.3127,
0.3290

■ 20.0569, 0.1755,
0.1411

■ 16.4004, 0.1674,
0.1209

■ 15.4223, 0.1653,
0.1151

Harmonies

Analogous

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



54.2769, 0.2340, 0.2742



54.2769, 0.2510, 0.2596



54.2769, 0.2845, 0.2622

Triad

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



54.2769, 0.2510, 0.2596



54.2769, 0.3959, 0.3432



54.2769, 0.2935, 0.3869

Complementary

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



54.2769, 0.2510, 0.2596



74.9760, 0.3804, 0.3895

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.



54.2769, 0.3367, 0.4069



54.2769, 0.2510, 0.2596



54.2769, 0.3975, 0.3770

Square

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



54.2769, 0.2510, 0.2596



54.2769, 0.3697, 0.3085



54.2769, 0.3752, 0.4016



54.2769, 0.2571, 0.3478

Rectangle

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



54.2769, 0.2510, 0.2596



54.2769, 0.3130, 0.2724



54.2769, 0.3752, 0.4016



54.2769, 0.3077, 0.3963

Sweetspot

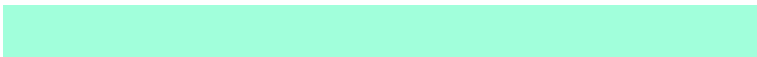
The Sweet Spot groups the original color and five complimentary colors.



54.2785, 0.2510, 0.2596



84.3494, 0.2955, 0.3111



84.2022, 0.2781, 0.3704



17.6674, 0.2933, 0.3087



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.



54.2785, 0.2510, 0.2596



47.5908, 0.2384, 0.2434



41.4491, 0.2524, 0.2189



18.4875, 0.2979, 0.3137



8.3204, 0.1662, 0.1181



1.0113, 0.1724, 0.1406

Inverse Universe

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



50.7146, 0.3689, 0.2926



44.3327, 0.3850, 0.2857



93.3288, 0.3608, 0.4236



18.0991, 0.3235, 0.3202



11.5679, 0.5493, 0.2800



1.1466, 0.5183, 0.2629

Previews

White Background



This preview shows how the Yxy color 54.2769, 0.2510, 0.2596 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 54.2769, 0.2510, 0.2596 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

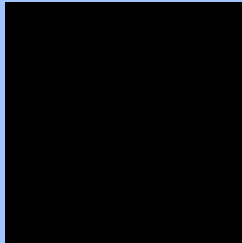
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

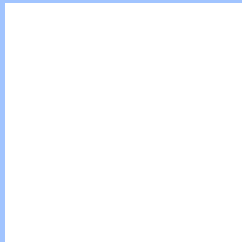
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 54.2769, 0.2510, 0.2596

Background



This preview shows how black text looks on a background with the Yxy color 54.2769, 0.2510, 0.2596.



This preview shows how white text looks on a background with the Yxy color 54.2769, 0.2510, 0.2596.

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

54.2769, 0.2510, 0.2596

Protanopia

54.1925, 0.2626, 0.2597

Deuteranopia

54.0653, 0.2614, 0.2557



Tritanopia

54.5017, 0.2666, 0.3085

Trichromacy



Original Color

54.2769, 0.2510, 0.2596

Protanomaly

54.0024, 0.2583, 0.2592

Deuteranomaly

54.1306, 0.2572, 0.2572

Tritanomaly

54.1033, 0.2605, 0.2892

Monochromacy



Original Color

54.2769, 0.2510, 0.2596

Achromatopsia

52.7115, 0.3127, 0.3290

Achromatomaly

52.8700, 0.2878, 0.3019

CSS Examples

Text

The CSS property to change the color of the text to Yxy 54.2769, 0.2510, 0.2596 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(161, 196, 255)` looks like.

```
.text, #text, p{  
    color:rgb(161, 196, 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(161, 196, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(161, 196, 255) }
```

Border

The CSS property to change the border of an element to Yxy 54.2769, 0.2510, 0.2596 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(161, 196, 255) }
```

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

```
.border{ border-color:rgb(161, 196, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(161, 196, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(161, 196, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(161, 196, 255);  
box-shadow:4px 4px 4px 4px rgb(161, 196,  
255) }
```


Background

The CSS property to change the background color of an element to Yxy 54.2769, 0.2510, 0.2596 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(161, 196, 255) }
```

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

```
.background{ background-color: rgb(161,  
196, 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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