

Converting Colors

$Yxy(60.8963, 0.2536, 0.2937)$

Have a look what the booklet for
Yxy(60.8963, 0.2536, 0.2937)
contains.

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Color

Yxy(60.9538, 0.2538, 0.2940)

Conversions

Conversions Part 1

Format	Color
Hex	95D6F3
RGB	149, 214, 243
RGB Percent	58%, 84%, 95%
CMY	0.4155, 0.1608, 0.0472
CMYK	0.39, 0.12, 0.00, 0.05
HSL	199°, 80%, 77%
HSV	199°, 39%, 95%
XYZ	52.6193, 60.9538, 93.7527
YIQ	197.8710, -48.0490, -4.7610

Conversions

Conversions Part 2

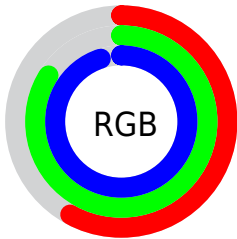
Format	Color
R _Y B	149, 187, 243
Decimal	9819891
CIE Lab	82.35, -13.38, -20.69
CIE LCh	82, 24.645, 237.109
Yxy	60.9538, 0.2538, 0.2940
Android (android.graphics.Color)	4288009971 (0xFF95D6F3)
YUV	197.8710, 22.2486, -42.8599
Hunter-Lab	78.0729, -16.3228, -16.5465

Details

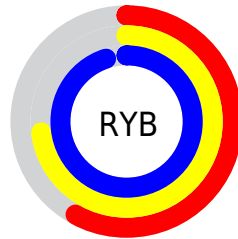
The Yxy color **60.9538, 0.2538, 0.2940** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **53.0615, 0.3966, 0.3610**, and the grayscale version is **56.2796, 0.3127, 0.3290**.

A 20% lighter version of the original color is **91.8618, 0.2838, 0.3289**, and **30.7113, 0.2393, 0.2839** is the 20% darker color. If you saturate the color by 10%, you get **55.1980, 0.2400, 0.2832**, and if you desaturate by 10%, it is **67.3654, 0.2685, 0.3042**.

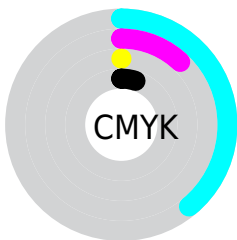
Distribution



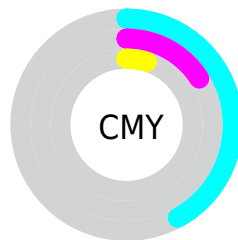
- Red (58%)
- Green (84%)
- Blue (95%)



- Red (58%)
- Yellow (73%)
- Blue (95%)



- Cyan (39%)
- Magenta (12%)
- Yellow (0%)
- Black (5%)



- Cyan (42%)
- Magenta (16%)
- Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 60.9538, 0.2538, 0.2940 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 60.9538, 0.2538, 0.2940 by changing the saturation by 10% instead.

60.9538, 0.2538,
0.2940

60.9538, 0.2538,
0.2940

428.1046, 0.2813,
0.3111

44.1879, 0.2475,
0.2899

106.2120, 0.2634,
0.3001

30.8182, 0.2397,
0.2848

135.4732, 0.2671,
0.3024

20.4605, 0.2299,
0.2781

169.6681, 0.2703,
0.3044

12.7302, 0.2171,
0.2692

209.1813, 0.2730,
0.3061

7.2430, 0.1999,
0.2566

254.3972, 0.2755,
0.3076

3.6146, 0.1756,
0.2380

305.7001, 0.2776,

1.4604, 0.1395,

0.3089

0.2079

363.4744, 0.2796,
0.3100

■ 0.2606, 0.0000,
0.1178

■ 0.0000, 0.0000,
0.0000

■ 60.9538, 0.2538,
0.2940

■ 60.9538, 0.2538,
0.2940

■ 55.1980, 0.2400,
0.2832

■ 67.3654, 0.2685,
0.3042

■ 50.0589, 0.2275,
0.2718

■ 74.4553, 0.2838,
0.3136

■ 45.5030, 0.2167,
0.2601

■ 82.2533, 0.2993,
0.3222

■ 41.4902, 0.2078,
0.2482

■ 90.7851, 0.3148,
0.3300

■ 37.9732, 0.2009,
0.2364

■ 97.0105, 0.3200,
0.3372

■ 34.8845, 0.1960,
0.2248

■ 99.2486, 0.3197,
0.3406

■ 34.4895, 0.1954,
0.2232

Harmonies

Analogous

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



60.9538, 0.2589, 0.3195



60.9538, 0.2538, 0.2940



60.9538, 0.2634, 0.2795

Triad

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



60.9538, 0.2538, 0.2940



60.9538, 0.3476, 0.3088



60.9538, 0.3379, 0.3853

Complementary

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



60.9538, 0.2538, 0.2940



53.0615, 0.3966, 0.3610

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.



60.9538, 0.3633, 0.3789



60.9538, 0.2538, 0.2940



60.9538, 0.3695, 0.3342

Square

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



60.9538, 0.2538, 0.2940



60.9538, 0.3166, 0.2887



60.9538, 0.3753, 0.3597



60.9538, 0.3065, 0.3747

Rectangle

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



60.9538, 0.2538, 0.2940



60.9538, 0.2771, 0.2771



60.9538, 0.3753, 0.3597



60.9538, 0.3474, 0.3849

Sweetspot

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



60.9562, 0.2538, 0.2940



88.7781, 0.2941, 0.3194



73.6539, 0.2924, 0.4110



18.7560, 0.2920, 0.3183



0.0000, 0.0000, 0.0000



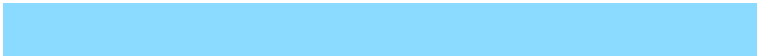
21.4041, 0.3127, 0.3290

Same Dimension

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



60.9562, 0.2538, 0.2940



63.1722, 0.2434, 0.2860



40.8046, 0.2449, 0.2349



17.8451, 0.2980, 0.3215



19.1863, 0.1959, 0.2251



1.8681, 0.1999, 0.2397

Inverse Universe

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



45.4121, 0.3430, 0.2603



44.4565, 0.3509, 0.2474



74.6252, 0.3776, 0.4080



16.6762, 0.3185, 0.3128



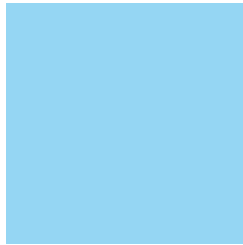
12.0362, 0.4178, 0.2075



1.0762, 0.4027, 0.1992

Previews

White Background



This preview shows how the Yxy color 60.9538, 0.2538, 0.2940 looks on a white background.

Color Contrast Check

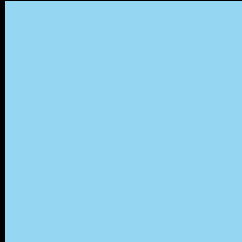
Large Text (above 18pt) WCAG AA × Fail

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 60.9538, 0.2538, 0.2940 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

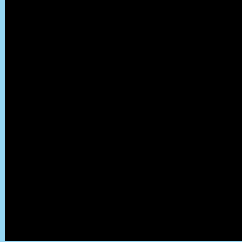
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 60.9538, 0.2538, 0.2940

Background



This preview shows how black text looks on a background with the Yxy color 60.9538, 0.2538, 0.2940.



This preview shows how white text looks on a background with the Yxy color 60.9538, 0.2538, 0.2940.

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

60.9538, 0.2538, 0.2940

Protanopia

60.2450, 0.2873, 0.2914

Deuteranopia

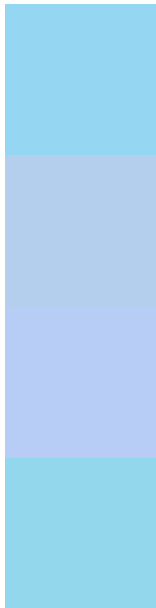
60.6589, 0.2838, 0.2780



Tritanopia

61.1059, 0.2576, 0.3080

Trichromacy



Original Color

60.9538, 0.2538, 0.2940

Protanomaly

60.0190, 0.2736, 0.2916

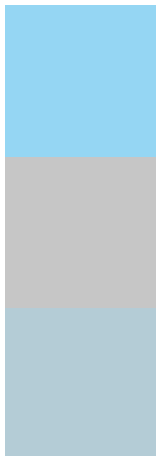
Deuteranomaly

60.3225, 0.2714, 0.2830

Tritanomaly

60.9183, 0.2559, 0.3020

Monochromacy



Original Color

60.9538, 0.2538, 0.2940

Achromatopsia

56.4712, 0.3127, 0.3290

Achromatomaly

57.7441, 0.2883, 0.3168

CSS Examples

Text

The CSS property to change the color of the text to Yxy 60.9538, 0.2538, 0.2940 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(149, 214, 243)` looks like.

```
.text, #text, p{  
    color:rgb(149, 214, 243)  
}
```

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(149, 214, 243) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(149, 214, 243) }
```

Border

The CSS property to change the border of an element to Yxy 60.9538, 0.2538, 0.2940 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(149, 214, 243) }
```

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

```
.border{ border-color:rgb(149, 214, 243) }
```

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

Here you see how a box with a 4 pixel rgb(149, 214, 243) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(149, 214, 243); -webkit-box-  
shadow:4px 4px 4px 4px rgb(149, 214, 243);  
box-shadow:4px 4px 4px 4px rgb(149, 214,  
243) }
```


Background

The CSS property to change the background color of an element to Yxy 60.9538, 0.2538, 0.2940 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(149, 214, 243) }
```

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

```
.background{ background-color: rgb(149,  
214, 243) }
```

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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