

Converting Colors

XYZ(53.2386, 61.0564, 94.1814)

Have a look what the booklet for
XYZ(53.2386, 61.0564, 94.1814)
contains.

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Color

**XYZ(53.2603, 60.8925,
94.5343)**

Conversions

Conversions Part 1

Format	Color
Hex	99D5F4
RGB	153, 213, 244
RGB Percent	60%, 84%, 96%
CMY	0.4000, 0.1647, 0.0431
CMYK	0.37, 0.13, 0.00, 0.04
HSL	200°, 81%, 78%
HSV	200°, 37%, 96%
XYZ	53.2603, 60.8925, 94.5343
YIQ	198.5940, -45.7110, -3.0790

Conversions

Conversions Part 2

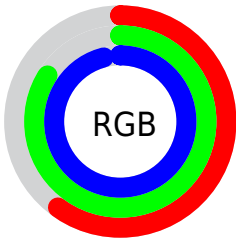
Format	Color
R _Y B	153, 189, 244
Decimal	10081780
CIE Lab	82.32, -11.58, -21.28
CIE LCh	82, 24.226, 241.443
Yxy	60.8925, 0.2552, 0.2918
Android (android.graphics.Color)	4288271860 (0xFF99D5F4)
YUV	198.5940, 22.3852, -39.9859
Hunter-Lab	78.0336, -14.7273, -17.2037

Details

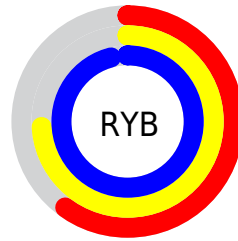
The XYZ color **53.2603, 60.8925, 94.5343** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **60.1997, 55.8151, 37.7393**, and the grayscale version is **53.9275, 56.7359, 61.7854**.

A 20% lighter version of the original color is **80.3883, 92.4416, 108.2138**, and **26.3410, 30.6812, 52.1107** is the 20% darker color. If you saturate the color by 10%, you get **47.0803, 54.6834, 93.6626**, and if you desaturate by 10%, it is **60.4929, 67.8061, 95.4886**.

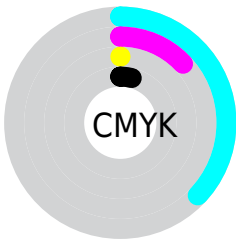
Distribution



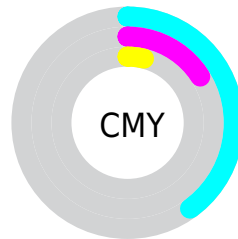
- Red (60%)
- Green (84%)
- Blue (96%)



- Red (60%)
- Yellow (74%)
- Blue (96%)



- Cyan (37%)
- Magenta (13%)
- Yellow (0%)
- Black (4%)



- Cyan (40%)
- Magenta (16%)
- Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 53.2603, 60.8925, 94.5343 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 XYZ color 53.2603, 60.8925, 94.5343 by changing the saturation by 10% instead.

■ 53.2603, 60.8925,
94.5343

■ 53.2603, 60.8925,
94.5343

389.5275,
427.8797, 563.6192

■ 38.2389, 44.1384,
71.1527

■ 94.1506, 106.1233,
155.6111

■ 26.3462, 30.7793,
51.9842

■ 120.7502,
135.3687, 194.1434

■ 17.2169, 20.4309,
36.6103

151.9399,
169.5468, 238.5629

■ 10.4855, 12.7086,
24.6125

188.0850,
209.0419, 289.2884

■ 5.7867, 7.2282,
15.5722

229.5510,
254.2383, 346.7382

■ 2.7553, 3.6052,
9.0709

276.7032,

■ 1.0257, 1.4553,

305.5205, 411.3309

4.6900

329.9069,
363.2728, 483.4850

■ 0.0000, 0.2569,
2.0110

■ 0.0000, 0.0000,
0.5620

■ 53.2603, 60.8925,
94.5343

■ 53.2603, 60.8925,
94.5343

■ 47.0803, 54.6834,
93.6626

■ 60.4929, 67.8061,
95.4886

■ 41.8878, 49.1387,
92.8660

■ 68.8268, 75.4474,
96.5243

■ 37.6189, 44.2244,
92.1425

■ 78.3144, 83.8472,
97.6456

■ 34.1993, 39.8998,
91.4880

■ 89.0028, 93.0318,
98.8550

■ 31.5417, 36.1174,
90.8980

■ 93.1899, 99.0329,
99.7927

■ 29.5329, 32.8161,
90.3667

■ 93.3293, 99.3117,
99.8392

■ 29.0540, 31.9810,
90.2307

Harmonies

Analogous

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



49.8148, 60.8925, 82.2628



53.2603, 60.8925, 94.5343



58.1268, 60.8925, 98.9714

Triad

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



53.2603, 60.8925, 94.5343



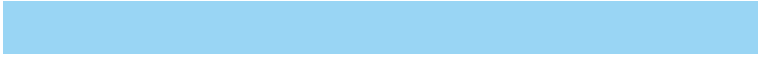
68.3766, 60.8925, 65.5883



52.8517, 60.8925, 44.8867

Complementary

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



53.2603, 60.8925, 94.5343



60.1997, 55.8151, 37.7393

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.



57.6269, 60.8925, 41.7513



53.2603, 60.8925, 94.5343



66.7642, 60.8925, 52.5512

Square

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



53.2603, 60.8925, 94.5343



67.0395, 60.8925, 80.8394



62.7520, 60.8925, 44.3370



49.5890, 60.8925, 53.6204

Rectangle

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



53.2603, 60.8925, 94.5343



61.5814, 60.8925, 96.4352



62.7520, 60.8925, 44.3370



54.3233, 60.8925, 43.2068

Sweetspot

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



53.2622, 60.8949, 94.5357



82.5000, 89.1171, 107.4609



54.0711, 74.9078, 56.5924



17.3512, 18.8032, 22.9648



0.0000, 0.0000, 0.0000



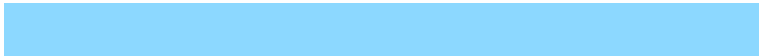
20.3446, 21.4041, 23.3091

Same Dimension

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



53.2622, 60.8949, 94.5357



53.4405, 61.8835, 103.7358



43.5011, 41.3727, 91.2820



16.4936, 17.7516, 21.0997



15.9295, 17.6529, 49.1058



1.4951, 1.7417, 4.3476

Inverse Universe

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



60.7113, 46.8215, 68.7909



63.0379, 45.0426, 70.2772



71.0325, 77.4808, 41.3503



16.9597, 16.6667, 19.5346



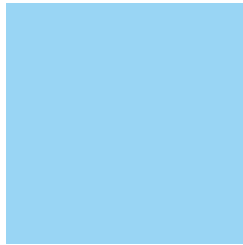
23.8450, 11.8814, 19.6900



2.1437, 1.0635, 1.9833

Previews

White Background



This preview shows how the XYZ color 53.2603, 60.8925, 94.5343 looks on a white background.

Color Contrast Check

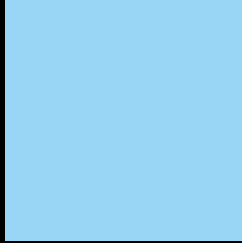
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the XYZ color 53.2603, 60.8925, 94.5343 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](#).

XYZ 53.2603, 60.8925, 94.5343

Background



This preview shows how black text looks on a background with the XYZ color 53.2603, 60.8925, 94.5343.



This preview shows how white text looks on a background with the XYZ color 53.2603, 60.8925,

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

53.2603, 60.8925, 94.5343

Protanopia

59.6953, 60.3613, 88.6254

Deuteranopia

62.0714, 60.7205, 96.4444



Tritanopia

51.4436, 60.9111, 85.3896

Trichromacy



Original Color

53.2603, 60.8925, 94.5343

Protanomaly

57.0909, 60.3790, 91.0834

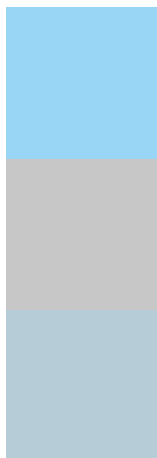
Deuteranomaly

58.4735, 60.6308, 95.8098

Tritanomaly

51.9494, 60.7286, 88.3406

Monochromacy



Original Color

53.2603, 60.8925, 94.5343

Achromatopsia

54.2854, 57.1125, 62.1955

Achromatomaly

53.1500, 58.0371, 72.6910

CSS Examples

Text

The CSS property to change the color of the text to XYZ 53.2603, 60.8925, 94.5343 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(153, 213, 244)` looks like.

```
.text, #text, p{  
    color:rgb(153, 213, 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(153, 213, 244) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(153, 213, 244) }
```

Border

The CSS property to change the border of an element to XYZ 53.2603, 60.8925, 94.5343 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(153, 213, 244) }
```


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

```
.border{ border-color:rgb(153, 213, 244) }
```

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

Here you see how a box with a 4 pixel `rgb(153, 213, 244)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(153, 213, 244); -webkit-box-  
shadow:4px 4px 4px 4px rgb(153, 213, 244);  
box-shadow:4px 4px 4px 4px rgb(153, 213,  
244) }
```

Background

The CSS property to change the background color of an element to XYZ 53.2603, 60.8925, 94.5343 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(153, 213, 244) }
```

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

```
.background{ background-color: rgb(153,  
213, 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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