

Converting Colors

XYZ(41.0768, 49.5318, 94.5908)

Have a look what the booklet for
XYZ(41.0768, 49.5318, 94.5908)
contains.

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Color

**XYZ(41.0825, 49.5754,
94.5925)**

Conversions

Conversions Part 1

Format	Color
Hex	58C7F6
RGB	88, 199, 246
RGB Percent	35%, 78%, 96%
CMY	0.6549, 0.2196, 0.0353
CMYK	0.64, 0.19, 0.00, 0.04
HSL	198°, 90%, 65%
HSV	198°, 64%, 96%
XYZ	41.0825, 49.5754, 94.5925
YIQ	171.1690, -81.2430, -8.9150

Conversions

Conversions Part 2

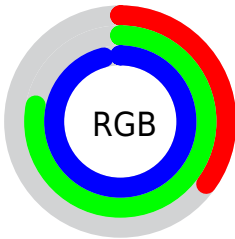
Format	Color
R _Y B	88, 153, 246
Decimal	5818358
CIE Lab	75.81, -17.68, -32.55
CIE LCh	76, 37.039, 241.490
Yxy	49.5754, 0.2218, 0.2676
Android (android.graphics.Color)	4284008438 (0xFF58C7F6)
YUV	171.1690, 36.8917, -72.9392
Hunter-Lab	70.4098, -19.0665, -30.3667

Details

The XYZ color **41.0825, 49.5754, 94.5925** is a light color, and the websafe version is hex **66CCFF**. The color can be described as light muted cyan. A complement of this color would be **48.4333, 37.6278, 13.9447**, and the grayscale version is **38.6452, 40.6578, 44.2763**.

A 20% lighter version of the original color is **66.7589, 85.4154, 107.5760**, and **19.4197, 23.9685, 52.3181** is the 20% darker color. If you saturate the color by 10%, you get **37.4914, 45.2852, 93.9546**, and if you desaturate by 10%, it is **45.5432, 54.4359, 95.2965**.

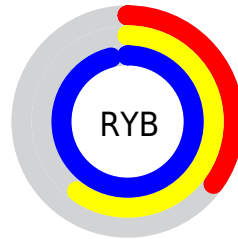
Distribution



Red (35%)

Green (78%)

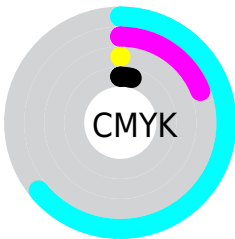
Blue (96%)



Red (35%)

Yellow (60%)

Blue (96%)

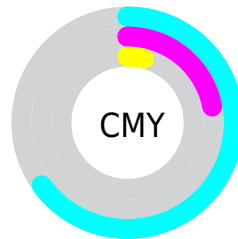


Cyan (64%)

Magenta (19%)

Yellow (0%)

Black (4%)



Cyan (65%)

Magenta (22%)

Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 41.0825, 49.5754, 94.5925 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 41.0825, 49.5754, 94.5925 by changing the saturation by 10% instead.

41.0825, 49.5754,
94.5925

41.0825, 49.5754,
94.5925

341.7220,
385.0032, 563.8106

28.5715, 35.0761,
71.2008

76.0830, 89.5455,
155.6922

18.8996, 23.7215,
52.0233

99.3033, 115.7850,
194.2374

11.7013, 15.1272,
36.6413

126.8240,
146.7068, 238.6708

6.6114, 8.9087,
24.6363

159.0105,
182.6953, 289.4110

3.2644, 4.6817,
15.5897

196.2283,
224.1347, 346.8766

1.2951, 2.0617,
9.0831

238.8425,

0.1795, 0.6430,

271.4096, 411.4860

4.6979

287.2186,
324.9043, 483.6578

■ 0.0000, 0.0000,
2.0155

■ 0.0000, 0.0000,
0.5648

■ 41.0825, 49.5754,
94.5925

■ 41.0825, 49.5754,
94.5925

■ 37.4914, 45.2852,
93.9546

■ 45.5432, 54.4359,
95.2965

■ 34.6811, 41.5152,
93.3751

■ 50.9408, 59.9003,
96.0668

■ 32.5510, 38.2127,
92.8499

■ 57.3413, 66.0052,
96.9078

■ 31.5443, 36.4730,
92.5672

■ 64.8030, 72.7822,
97.8226

■ 73.3796, 80.2605,
98.8140

■ 83.1211, 88.4674,
99.8847

■ 92.1312, 96.4268,
100.9461

■ 93.6347, 99.4339,
101.4473

Harmonies

Analogous

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



36.7139, 49.5754, 76.2901



41.0825, 49.5754, 94.5925



47.4647, 49.5754, 101.4106

Triad

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



41.0825, 49.5754, 94.5925



61.6226, 49.5754, 53.0000



40.5411, 49.5754, 27.6855

Complementary

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



41.0825, 49.5754, 94.5925



48.4333, 37.6278, 13.9447

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.



46.7768, 49.5754, 24.2692



41.0825, 49.5754, 94.5925



59.3269, 49.5754, 36.5068

Square

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



41.0825, 49.5754, 94.5925



59.7289, 49.5754, 74.1613



53.7217, 49.5754, 27.0591



36.4235, 49.5754, 37.8373

Rectangle

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



41.0825, 49.5754, 94.5925



52.1350, 49.5754, 97.4716



53.7217, 49.5754, 27.0591



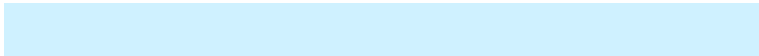
42.4372, 49.5754, 25.8404

Sweetspot

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



41.0842, 49.5772, 94.5937



74.9899, 83.0873, 106.6928



41.1995, 69.6746, 33.3855



15.4896, 17.2923, 22.7713



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.



41.0842, 49.5772, 94.5937



39.7065, 47.8862, 101.7580



27.6492, 22.7073, 90.1154



16.5562, 17.8767, 21.1205



16.9651, 19.7239, 49.4510



1.5804, 1.9121, 4.3760

Inverse Universe

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



51.8060, 30.6976, 57.2293



52.8173, 28.3646, 55.2692



63.2542, 67.2696, 18.8850



16.9913, 16.6794, 19.7009



24.3677, 12.0905, 22.4424



2.1868, 1.0807, 2.2098

Previews

White Background



This preview shows how the XYZ color 41.0825, 49.5754, 94.5925 looks on a white background.

Color Contrast Check

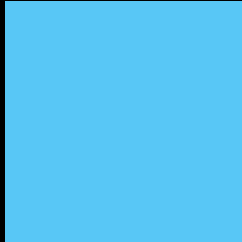
Large Text (above 18pt) WCAG AA × Fail

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 41.0825, 49.5754, 94.5925 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

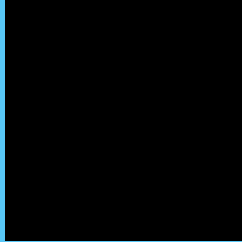
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

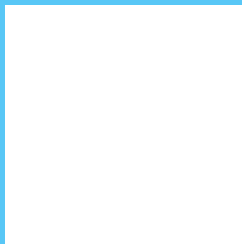
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 41.0825, 49.5754, 94.5925

Background



This preview shows how black text looks on a background with the XYZ color 41.0825, 49.5754, 94.5925.



This preview shows how white text looks on a background with the XYZ color 41.0825, 49.5754,

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

41.0825, 49.5754, 94.5925

Protanopia

49.3695, 49.1634, 85.4847

Deuteranopia

50.3373, 49.0939, 97.2655



Tritanopia

37.4128, 49.8489, 75.3601

Trichromacy



Original Color

41.0825, 49.5754, 94.5925



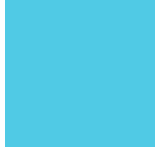
Protanomaly

44.9329, 48.3780, 88.6310



Deuteranomaly

45.9439, 48.7237, 96.6056



Tritanomaly

38.5717, 49.6037, 81.6703

Monochromacy



Original Color

41.0825, 49.5754, 94.5925



Achromatopsia

38.7082, 40.7240, 44.3485



Achromatomaly

37.7014, 42.7877, 59.6979

CSS Examples

Text

The CSS property to change the color of the text to XYZ 41.0825, 49.5754, 94.5925 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(88, 199, 246)` looks like.

```
.text, #text, p{  
    color:rgb(88, 199, 246)  
}
```

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(88, 199, 246) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(88, 199, 246) }
```

Border

The CSS property to change the border of an element to XYZ 41.0825, 49.5754, 94.5925 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(88, 199, 246) }
```


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

```
.border{ border-color:rgb(88, 199, 246) }
```

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

Here you see how a box with a 4 pixel `rgb(88, 199, 246)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(88, 199, 246); -webkit-box-  
shadow:4px 4px 4px 4px rgb(88, 199, 246);  
box-shadow:4px 4px 4px 4px rgb(88, 199,  
246) }
```

Background

The CSS property to change the background color of an element to XYZ 41.0825, 49.5754, 94.5925 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(88, 199, 246) }
```

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

```
.background{ background-color: rgb(88, 199,  
246) }
```

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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