

Converting Colors

XYZ(42.2349, 50.8298, 95.5831)

Have a look what the booklet for
XYZ(42.2349, 50.8298, 95.5831)
contains.

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Color

**XYZ(42.2912, 50.8684,
95.5853)**

Conversions

Conversions Part 1

Format	Color
Hex	5EC9F7
RGB	94, 201, 247
RGB Percent	37%, 79%, 97%
CMY	0.6313, 0.2118, 0.0314
CMYK	0.62, 0.19, 0.00, 0.03
HSL	198°, 91%, 67%
HSV	198°, 62%, 97%
XYZ	42.2912, 50.8684, 95.5853
YIQ	174.2510, -78.5380, -8.3780

Conversions

Conversions Part 2

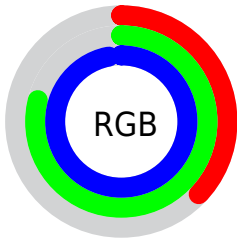
Format	Color
R _Y B	94, 157, 247
Decimal	6212087
CIE Lab	76.60, -17.42, -31.85
CIE LCh	77, 36.300, 241.325
Yxy	50.8684, 0.2241, 0.2695
Android (android.graphics.Color)	4284402167 (0xFF5EC9F7)
YUV	174.2510, 35.8653, -70.3801
Hunter-Lab	71.3221, -18.9702, -29.5345

Details

The XYZ color **42.2912, 50.8684, 95.5853** 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 **49.7579, 39.3405, 15.5624**, and the grayscale version is **40.2132, 42.3074, 46.0728**.

A 20% lighter version of the original color is **67.7146, 85.9081, 107.6207**, and **19.7280, 24.5851, 52.4208** is the 20% darker color. If you saturate the color by 10%, you get **38.4625, 46.3874, 94.9232**, and if you desaturate by 10%, it is **47.0170, 55.9381, 96.3157**.

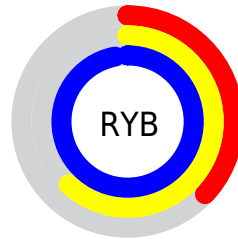
Distribution



Red (37%)

Green (79%)

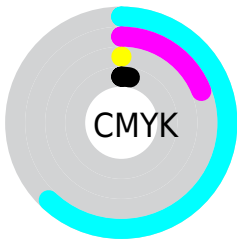
Blue (97%)



Red (37%)

Yellow (62%)

Blue (97%)

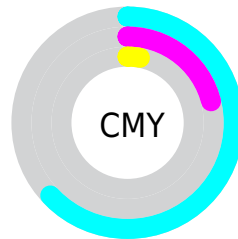


Cyan (62%)

Magenta (19%)

Yellow (0%)

Black (3%)



Cyan (63%)

Magenta (21%)

Yellow (3%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 42.2912, 50.8684, 95.5853 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 42.2912, 50.8684, 95.5853 by changing the saturation by 10% instead.

42.2912, 50.8684,
95.5853

42.2912, 50.8684,
95.5853

346.6598,
390.0523, 567.0692

29.5215, 36.1039,
72.0226

77.9026, 91.4602,
157.0755

19.6219, 24.5144,
52.6902

101.4749,
118.0563, 195.8401

12.2272, 15.7157,
37.1695

129.3788,
149.3650, 240.5091

6.9719, 9.3232,
25.0419

161.9797,
185.7708, 291.5011

3.4907, 4.9526,
15.8890

199.6429,
227.6580, 349.2346

1.4183, 2.2195,
9.2921

242.7337,

0.2692, 0.7306,

275.4111, 414.1280

4.8328

291.6176,
329.4144, 486.6001

■ 0.0000, 0.0000,
2.0925

■ 0.0000, 0.0000,
0.6113

■ 42.2912, 50.8684,
95.5853

■ 42.2912, 50.8684,
95.5853

■ 38.4625, 46.3874,
94.9232

■ 47.0170, 55.9381,
96.3157

■ 35.4443, 42.4458,
94.3214

■ 52.7060, 61.6293,
97.1144

■ 33.1402, 38.9931,
93.7764

■ 59.4231, 67.9781,
97.9858

■ 31.6823, 36.5027,
93.3726

■ 67.2263, 75.0161,
98.9330

■ 76.1688, 82.7723,
99.9588

■ 86.3003, 91.2739,
101.0658

■ 93.1497, 98.2175,
102.0450

■ 93.7887, 99.4955,
102.2580

Harmonies

Analogous

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



37.9329, 50.8684, 77.4417



42.2912, 50.8684, 95.5853



48.6546, 50.8684, 102.3928

Triad

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



42.2912, 50.8684, 95.5853



62.7725, 50.8684, 54.5181



41.8098, 50.8684, 28.9766

Complementary

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



42.2912, 50.8684, 95.5853



49.7579, 39.3405, 15.5624

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.



48.0445, 50.8684, 25.5521



42.2912, 50.8684, 95.5853



60.5158, 50.8684, 37.9759

Square

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



42.2912, 50.8684, 95.5853



60.8707, 50.8684, 75.5652



54.9591, 50.8684, 28.4131



37.6741, 50.8684, 39.1646

Rectangle

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



42.2912, 50.8684, 95.5853



53.3065, 50.8684, 98.5606



54.9591, 50.8684, 28.4131



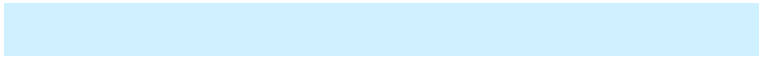
43.7086, 50.8684, 27.1215

Sweetspot

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



42.2929, 50.8702, 95.5865



74.9444, 82.9963, 106.6776



42.6047, 70.7930, 36.1934



15.4785, 17.2702, 22.7676



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.



42.2929, 50.8702, 95.5865



40.5721, 48.8988, 101.9078



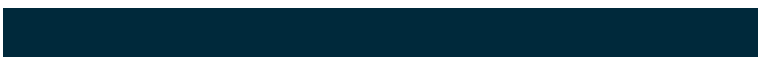
28.6894, 23.6633, 91.0521



16.5516, 17.8674, 21.1190



16.8859, 19.5656, 49.4246



1.5739, 1.8992, 4.3739

Inverse Universe

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



52.9045, 31.9983, 58.6481



53.4296, 29.2811, 56.4231



65.0380, 69.9009, 20.6558



16.9890, 16.6784, 19.6886



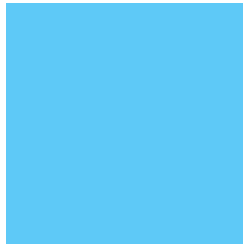
24.3277, 12.0745, 22.2320



2.1835, 1.0794, 2.1926

Previews

White Background



This preview shows how the XYZ color 42.2912, 50.8684, 95.5853 looks on a white background.

Color Contrast Check

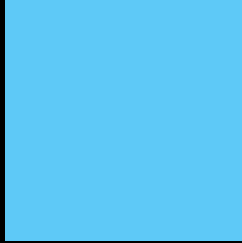
Large Text (above 18pt) WCAG AA × Fail

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 42.2912, 50.8684, 95.5853 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

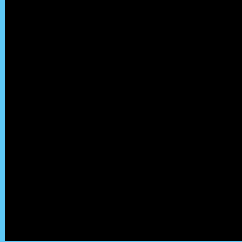
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 42.2912, 50.8684, 95.5853

Background



This preview shows how black text looks on a background with the XYZ color 42.2912, 50.8684, 95.5853.



This preview shows how white text looks on a background with the XYZ color 42.2912, 50.8684,

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

42.2912, 50.8684, 95.5853

Protanopia

50.3784, 50.2879, 86.4082

Deuteranopia

51.5561, 50.3209, 98.2624



Tritanopia

38.4958, 50.7304, 76.8702

Trichromacy



Original Color

42.2912, 50.8684, 95.5853

Protanomaly

46.2130, 49.6639, 89.5885

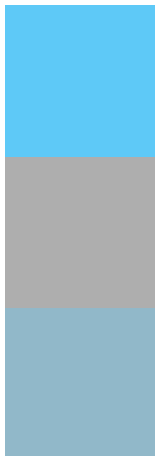
Deuteranomaly

47.2138, 50.0034, 97.6057

Tritanomaly

39.8544, 50.9337, 83.3319

Monochromacy



Original Color

42.2912, 50.8684, 95.5853

Achromatopsia

40.2316, 42.3268, 46.0938

Achromatomaly

39.3602, 44.5178, 61.7766

CSS Examples

Text

The CSS property to change the color of the text to XYZ 42.2912, 50.8684, 95.5853 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(94, 201, 247)` looks like.

```
.text, #text, p{  
    color:rgb(94, 201, 247)  
}
```

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(94, 201, 247) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(94, 201, 247) }
```

Border

The CSS property to change the border of an element to XYZ 42.2912, 50.8684, 95.5853 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(94, 201, 247) }
```


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

```
.border{ border-color:rgb(94, 201, 247) }
```

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

Here you see how a box with a 4 pixel rgb(94, 201, 247) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(94, 201, 247); -webkit-box-  
shadow:4px 4px 4px 4px rgb(94, 201, 247);  
box-shadow:4px 4px 4px 4px rgb(94, 201,  
247) }
```

Background

The CSS property to change the background color of an element to XYZ 42.2912, 50.8684, 95.5853 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(94, 201, 247) }
```

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

```
.background{ background-color: rgb(94, 201,  
247) }
```

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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