

Converting Colors

XYZ(43.2810, 50.7465, 97.3721)

Have a look what the booklet for
XYZ(43.2810, 50.7465, 97.3721)
contains.

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Color

**XYZ(43.1158, 50.5700,
97.1111)**

Conversions

Conversions Part 1

Format	Color
Hex	67C7F9
RGB	103, 199, 249
RGB Percent	40%, 78%, 98%
CMY	0.5961, 0.2196, 0.0235
CMYK	0.59, 0.20, 0.00, 0.02
HSL	201°, 92%, 69%
HSV	201°, 59%, 98%
XYZ	43.1158, 50.5700, 97.1111
YIQ	175.9960, -73.2660, -4.8020

Conversions

Conversions Part 2

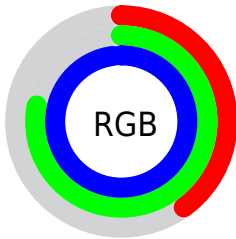
Format	Color
R _Y B	103, 161, 249
Decimal	6801401
CIE Lab	76.42, -14.17, -33.17
CIE LCh	76, 36.075, 246.869
Yxy	50.5700, 0.2260, 0.2650
Android (android.graphics.Color)	4284991481 (0xFF67C7F9)
YUV	175.9960, 35.9910, -64.0175
Hunter-Lab	71.1126, -16.2219, -31.1874

Details

The XYZ color **43.1158, 50.5700, 97.1111** is a light color, and the websafe version is hex **66CCFF**. A complement of this color would be **52.9080, 43.9035, 18.5195**, and the grayscale version is **41.1122, 43.2532, 47.1028**.

A 20% lighter version of the original color is **69.1198, 86.6325, 107.6865**, and **20.0658, 24.2762, 53.4974** is the 20% darker color. If you saturate the color by 10%, you get **38.7663, 45.4971, 96.3621**, and if you desaturate by 10%, it is **48.4287, 56.3047, 97.9390**.

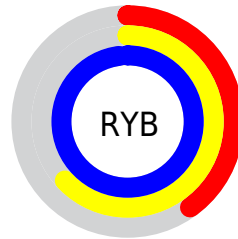
Distribution



Red (40%)

Green (78%)

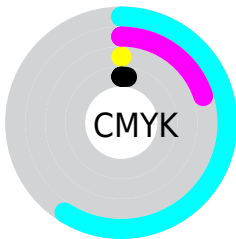
Blue (98%)



Red (40%)

Yellow (63%)

Blue (98%)

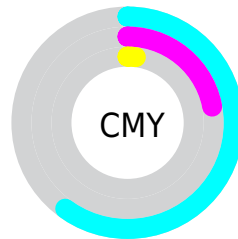


Cyan (59%)

Magenta (20%)

Yellow (0%)

Black (2%)



Cyan (60%)

Magenta (22%)

Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 43.1158, 50.5700, 97.1111 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 43.1158, 50.5700, 97.1111 by changing the saturation by 10% instead.

■ 43.1158, 50.5700,
97.1111

■ 43.1158, 50.5700,
97.1111

350.0012,
388.8908, 572.0577

■ 30.1709, 35.8665,
73.2867

■ 79.1402, 91.0188,
159.1985

■ 20.1171, 24.3311,
53.7172

■ 102.9504,
117.5330, 198.2987

■ 12.5889, 15.5794,
37.9840

■ 131.1131,
148.7528, 243.3279

■ 7.2211, 9.2270,
25.6685

163.9936,
185.0627, 294.7046

■ 3.6483, 4.8896,
16.3523

201.9574,
226.8470, 352.8474

■ 1.5052, 2.1826,
9.6167

245.3696,

■ 0.3293, 0.7105,

274.4903, 418.1748

5.0433

294.5958,
328.3767, 491.1054

■ 0.0000, 0.0000,
2.2135

■ 0.0000, 0.0000,
0.6822

■ 43.1158, 50.5700,
97.1111

■ 43.1158, 50.5700,
97.1111

■ 38.7663, 45.4971,
96.3621

■ 48.4287, 56.3047,
97.9390

■ 35.2955, 41.0368,
95.6841

■ 54.7703, 62.7346,
98.8458

■ 32.6107, 37.1396,
95.0734

■ 62.2053, 69.8965,
99.8363

■ 30.5776, 33.7333,
94.5231

■ 70.7918, 77.8228,
100.9137

■ 30.3256, 33.2928,
94.4513

■ 80.5831, 86.5435,
102.0809

■ 91.6295, 96.0868,
103.3407

■ 94.0991, 99.6196,
103.8925

Harmonies

Analogous

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



38.3570, 50.5700, 80.6865



43.1158, 50.5700, 97.1111



49.6440, 50.5700, 101.1631

Triad

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



43.1158, 50.5700, 97.1111



62.2305, 50.5700, 50.7094



40.6484, 50.5700, 30.2350

Complementary

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



43.1158, 50.5700, 97.1111



52.9080, 43.9035, 18.5195

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.



46.5204, 50.5700, 25.6529



43.1158, 50.5700, 97.1111



59.2872, 50.5700, 35.5337

Square

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



43.1158, 50.5700, 97.1111



61.1017, 50.5700, 71.0988



53.3797, 50.5700, 27.3338



37.0290, 50.5700, 41.6387

Rectangle

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



43.1158, 50.5700, 97.1111



54.2119, 50.5700, 95.6140



53.3797, 50.5700, 27.3338



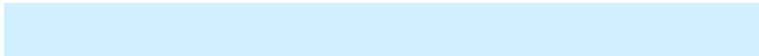
42.4018, 50.5700, 27.9853

Sweetspot

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



43.1175, 50.5718, 97.1123



75.3216, 82.6874, 106.5981



45.1110, 72.8923, 41.2570



15.5243, 17.1553, 22.7430



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.



43.1175, 50.5718, 97.1123



40.3332, 47.3026, 101.6123



30.3267, 24.9901, 92.8487



17.2361, 18.5489, 22.0572



16.3700, 18.0956, 50.6036



1.6146, 1.8730, 4.7196

Inverse Universe

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



54.2274, 33.9655, 57.7326



53.5820, 30.3872, 54.0035



68.3517, 74.7909, 23.6674



17.7257, 17.4176, 20.4112



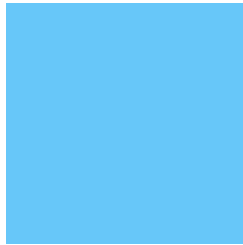
24.5548, 12.2377, 20.1621



2.3239, 1.1533, 2.1292

Previews

White Background



This preview shows how the XYZ color 43.1158, 50.5700, 97.1111 looks on a white background.

Color Contrast Check

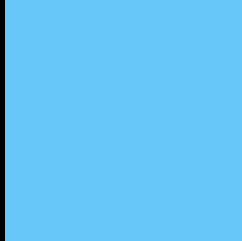
Large Text (above 18pt) WCAG AA × Fail

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 43.1158, 50.5700, 97.1111 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

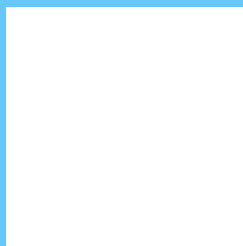
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 43.1158, 50.5700, 97.1111

Background



This preview shows how black text looks on a background with the XYZ color 43.1158, 50.5700, 97.1111.



This preview shows how white text looks on a background with the XYZ color 43.1158, 50.5700,

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

43.1158, 50.5700, 97.1111

Protanopia

50.3845, 49.9286, 88.6430

Deuteranopia

51.2818, 50.1612, 99.0747



Tritanopia

38.9584, 50.6303, 76.1259

Trichromacy



Original Color

43.1158, 50.5700, 97.1111

Protanomaly

46.8039, 49.5939, 91.8998

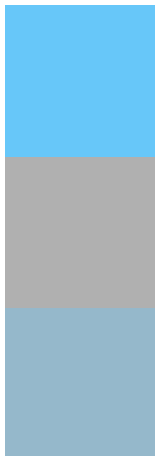
Deuteranomaly

47.5031, 49.8117, 98.3777

Tritanomaly

40.2636, 50.4435, 83.2158

Monochromacy



Original Color

43.1158, 50.5700, 97.1111

Achromatopsia

41.2663, 43.4154, 47.2793

Achromatomaly

40.3144, 44.9823, 63.0576

CSS Examples

Text

The CSS property to change the color of the text to XYZ 43.1158, 50.5700, 97.1111 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(103, 199, 249)` looks like.

```
.text, #text, p{  
    color:rgb(103, 199, 249)  
}
```

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(103, 199, 249) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(103, 199, 249) }
```

Border

The CSS property to change the border of an element to XYZ 43.1158, 50.5700, 97.1111 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(103, 199, 249) }
```


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

```
.border{ border-color:rgb(103, 199, 249) }
```

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

Here you see how a box with a 4 pixel `rgb(103, 199, 249)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(103, 199, 249); -webkit-box-  
shadow:4px 4px 4px 4px rgb(103, 199, 249);  
box-shadow:4px 4px 4px 4px rgb(103, 199,  
249) }
```

Background

The CSS property to change the background color of an element to XYZ 43.1158, 50.5700, 97.1111 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(103, 199, 249) }
```

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

```
.background{ background-color: rgb(103,  
199, 249) }
```

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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