

Converting Colors

XYZ(42.6049, 51.0301, 95.6000)

Have a look what the booklet for
XYZ(42.6049, 51.0301, 95.6000)
contains.

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Color

**XYZ(42.6049, 51.0301,
95.6000)**

Conversions

Conversions Part 1

Format	Color
Hex	61C9F7
RGB	97, 201, 247
RGB Percent	38%, 79%, 97%
CMY	0.6196, 0.2118, 0.0314
CMYK	0.61, 0.19, 0.00, 0.03
HSL	198°, 90%, 67%
HSV	198°, 61%, 97%
XYZ	42.6049, 51.0301, 95.6000
YIQ	175.1480, -76.7500, -7.7420

Conversions

Conversions Part 2

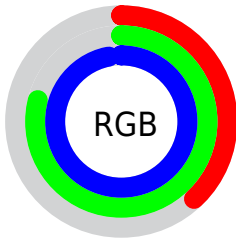
Format	Color
R _Y B	97, 158, 247
Decimal	6408695
CIE Lab	76.70, -16.90, -31.69
CIE LCh	77, 35.914, 241.930
Yxy	51.0301, 0.2251, 0.2697
Android (android.graphics.Color)	4284598775 (0xFF61C9F7)
YUV	175.1480, 35.4230, -68.5358
Hunter-Lab	71.4354, -18.5523, -29.3415

Details

The XYZ color **42.6049, 51.0301, 95.6000** is a light color, and the websafe version is hex **66CCFF**. A complement of this color would be **50.3396, 40.2843, 16.4336**, and the grayscale version is **40.6768, 42.7952, 46.6039**.

A 20% lighter version of the original color is **68.1081, 86.1109, 107.6391**, and **19.7655, 24.6045, 52.4226** is the 20% darker color. If you saturate the color by 10%, you get **38.6489, 46.4346, 94.9225**, and if you desaturate by 10%, it is **47.4704, 56.2257, 96.3474**.

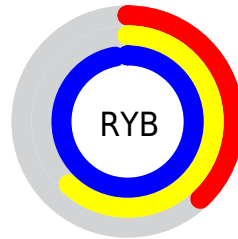
Distribution



Red (38%)

Green (79%)

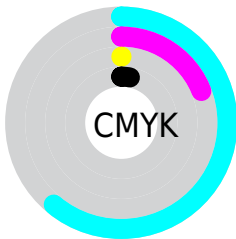
Blue (97%)



Red (38%)

Yellow (62%)

Blue (97%)

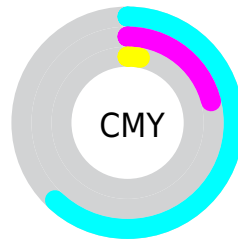


Cyan (61%)

Magenta (19%)

Yellow (0%)

Black (3%)



Cyan (62%)

Magenta (21%)

Yellow (3%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 42.6049, 51.0301, 95.6000 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 42.6049, 51.0301, 95.6000 by changing the saturation by 10% instead.

42.6049, 51.0301,
95.6000

42.6049, 51.0301,
95.6000

347.9335,
390.6807, 567.1174

29.7684, 36.2326,
72.0348

78.3737, 91.6993,
157.0960

19.8101, 24.6139,
52.7001

102.0368,
118.3397, 195.8638

12.3645, 15.7896,
37.1773

130.0394,
149.6965, 240.5363

7.0664, 9.3754,
25.0480

162.7470,
186.1542, 291.5320

3.5504, 4.9868,
15.8934

200.5248,
228.0970, 349.2694

1.4510, 2.2395,
9.2952

243.7383,

0.2922, 0.7414,

275.9095, 414.1671

4.8348

292.7527,
329.9759, 486.6436

■ 0.0000, 0.0000,
2.0936

■ 0.0000, 0.0000,
0.6120

■ 42.6049, 51.0301,
95.6000

■ 42.6049, 51.0301,
95.6000

■ 38.6489, 46.4346,
94.9225

■ 47.4704, 56.2257,
96.3474

■ 35.5172, 42.3905,
94.3069

■ 53.3103, 62.0538,
97.1645

■ 33.1158, 38.8484,
93.7498

■ 60.1892, 68.5503,
98.0559

■ 31.3996, 35.9373,
93.2784

■ 68.1643, 75.7465,
99.0246

■ 77.2884, 83.6714,
100.0734

■ 87.6109, 92.3519,
101.2048

■ 93.4788, 98.8757,
102.1548

■ 93.7887, 99.4955,
102.2581

Harmonies

Analogous

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



38.2279, 51.0301, 77.8206



42.6049, 51.0301, 95.6000



48.9443, 51.0301, 102.0352

Triad

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



42.6049, 51.0301, 95.6000



62.7833, 51.0301, 54.3114



41.9091, 51.0301, 29.4509

Complementary

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



42.6049, 51.0301, 95.6000



50.3396, 40.2843, 16.4336

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.



48.0635, 51.0301, 25.9056



42.6049, 51.0301, 95.6000



60.4708, 51.0301, 38.0142

Square

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



42.6049, 51.0301, 95.6000



60.9824, 51.0301, 75.1180



54.9209, 51.0301, 28.6325



37.8533, 51.0301, 39.7356

Rectangle

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



42.6049, 51.0301, 95.6000



53.5529, 51.0301, 98.0557



54.9209, 51.0301, 28.6325



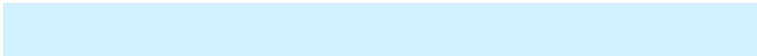
43.7802, 51.0301, 27.5563

Sweetspot

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



42.6066, 51.0320, 95.6012



75.8056, 83.6555, 106.7595



43.0746, 71.0173, 37.0309



15.6430, 17.3928, 22.7826



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.



42.6066, 51.0320, 95.6012



40.6680, 48.8285, 101.8891



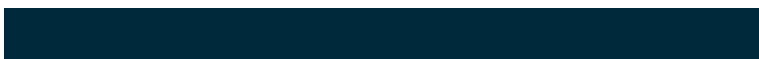
29.3095, 24.4377, 91.1689



16.5428, 17.8500, 21.1161



16.7375, 19.2689, 49.3751



1.5617, 1.8749, 4.3698

Inverse Universe

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



53.1766, 32.5424, 58.7388



53.5420, 29.5710, 56.2597



65.3297, 70.2646, 21.4303



16.9846, 16.6767, 19.6654



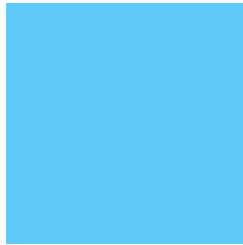
24.2528, 12.0446, 21.8377



2.1774, 1.0769, 2.1603

Previews

White Background



This preview shows how the XYZ color 42.6049, 51.0301, 95.6000 looks on a white background.

Color Contrast Check

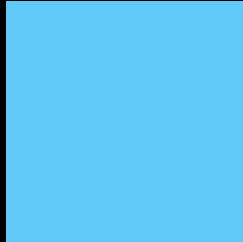
Large Text (above 18pt) WCAG AA × Fail

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 42.6049, 51.0301, 95.6000 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

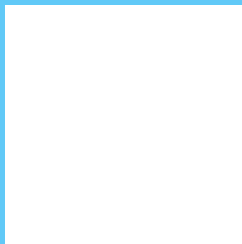
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 42.6049, 51.0301, 95.6000

Background



This preview shows how black text looks on a background with the XYZ color 42.6049, 51.0301, 95.6000.

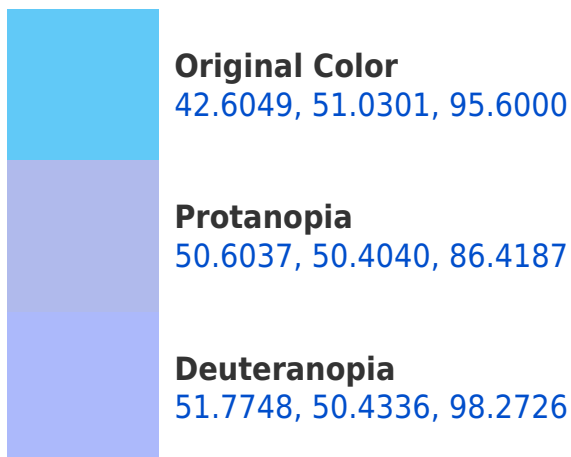


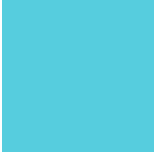
This preview shows how white text looks on a background with the XYZ color 42.6049, 51.0301,

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





Tritanopia

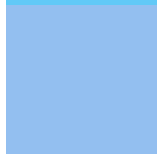
38.8539, 50.9150, 76.8870

Trichromacy



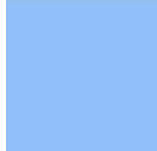
Original Color

42.6049, 51.0301, 95.6000



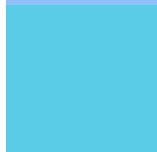
Protanomaly

46.3916, 49.7559, 89.5968



Deuteranomaly

47.5632, 50.1835, 97.6220



Tritanomaly

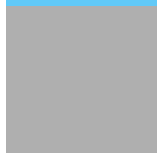
40.2331, 51.1289, 83.3497

Monochromacy



Original Color

42.6049, 51.0301, 95.6000



Achromatopsia

40.7470, 42.8690, 46.6844



Achromatomaly

39.7157, 44.7011, 61.7933

CSS Examples

Text

The CSS property to change the color of the text to XYZ 42.6049, 51.0301, 95.6000 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(97, 201, 247)` looks like.

```
.text, #text, p{  
    color:rgb(97, 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(97, 201, 247) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(97, 201, 247) }
```

Border

The CSS property to change the border of an element to XYZ 42.6049, 51.0301, 95.6000 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(97, 201, 247) }
```


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

```
.border{ border-color:rgb(97, 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(97, 201, 247)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(97, 201, 247); -webkit-box-  
shadow:4px 4px 4px 4px rgb(97, 201, 247);  
box-shadow:4px 4px 4px 4px rgb(97, 201,  
247) }
```

Background

The CSS property to change the background color of an element to XYZ 42.6049, 51.0301, 95.6000 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(97, 201, 247) }
```

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

```
.background{ background-color: rgb(97, 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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