

Converting Colors

XYZ(36.6141, 43.4812, 97.2546)

Have a look what the booklet for
XYZ(36.6141, 43.4812, 97.2546)
contains.

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Color

**XYZ(36.6038, 43.5724,
96.9236)**

Conversions

Conversions Part 1

Format	Color
Hex	33BCFA
RGB	51, 188, 250
RGB Percent	20%, 74%, 98%
CMY	0.7999, 0.2627, 0.0196
CMYK	0.80, 0.25, 0.00, 0.02
HSL	199°, 95%, 59%
HSV	199°, 80%, 98%
XYZ	36.6038, 43.5724, 96.9236
YIQ	154.1050, -101.5540, -9.7620

Conversions

Conversions Part 2

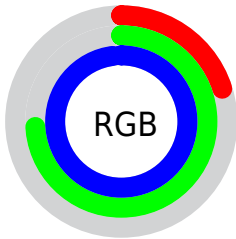
Format	Color
RYB	51, 132, 250
Decimal	3390714
CIELab	71.94, -15.28, -40.77
CIELCh	72, 43.539, 249.448
Yxy	43.5724, 0.2067, 0.2460
Android (android.graphics.Color)	4281580794 (0xFF33BCFA)
YUV	154.1050, 47.2762, -90.4231
Hunter-Lab	66.0094, -16.5339, -40.8507

Details

The XYZ color **36.6038, 43.5724, 96.9236** is a light color, and the websafe version is hex **66CCFF**. The color can be described as light washed azure. A complement of this color would be **45.9297, 32.3774, 6.9627**, and the grayscale version is **30.5951, 32.1884, 35.0532**.

A 20% lighter version of the original color is **59.3028, 76.5106, 106.2502**, and **18.2896, 21.1782, 53.5759** is the 20% darker color. If you saturate the color by 10%, you get **34.0462, 39.8506, 96.3409**, and if you desaturate by 10%, it is **39.9304, 47.8254, 97.5701**.

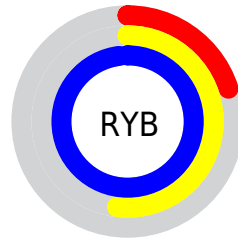
Distribution



Red (20%)

Green (74%)

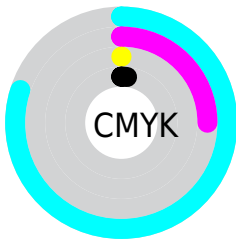
Blue (98%)



Red (20%)

Yellow (52%)

Blue (98%)

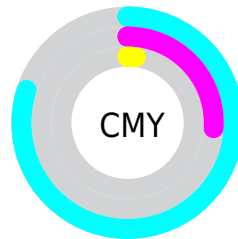


Cyan (80%)

Magenta (25%)

Yellow (0%)

Black (2%)



Cyan (80%)

Magenta (26%)

Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 36.6038, 43.5724, 96.9236 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 36.6038, 43.5724, 96.9236 by changing the saturation by 10% instead.

■ 36.6038, 43.5724,
96.9236

■ 36.6038, 43.5724,
96.9236

322.9774,
360.9605, 571.4459

■ 25.0731, 30.3345,
73.1313

■ 69.2808, 80.5739,
158.9378

■ 16.2606, 20.0926,
53.5909

■ 91.1579, 105.1063,
197.9969

■ 9.8008, 12.4624,
37.8837

■ 117.2144,
134.1723, 242.9819

■ 5.3283, 7.0594,
25.5913

■ 147.8159,
168.1564, 294.3115

■ 2.4779, 3.4993,
16.2951

183.3275,
207.4428, 352.4041

■ 0.8841, 1.3976,
9.5766

224.1148,

■ 0.0000, 0.2150,

252.4160, 417.6784

5.0173

270.5429,
303.4605, 490.5528

■ 0.0000, 0.0000,
2.1985

■ 0.0000, 0.0000,
0.6735

■ 36.6038, 43.5724,
96.9236

■ 36.6038, 43.5724,
96.9236

■ 34.0462, 39.8506,
96.3409

■ 39.9304, 47.8254,
97.5701

■ 32.1015, 36.5752,
95.8112

■ 44.1178, 52.6569,
98.2819

■ 32.0282, 36.4477,
95.7904

■ 49.2489, 58.1122,
99.0645

■ 55.3948, 64.2300,
99.9214

■ 62.6195, 71.0452,
100.8561

■ 70.9816, 78.5897,
101.8716

■ 80.5351, 86.8935,
102.9709

■ 91.3305, 95.9841,
104.1565

■ 94.2555, 99.6822,
104.7162

Harmonies

Analogous

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



31.3430, 43.5724, 78.4370



36.6038, 43.5724, 96.9236



43.8013, 43.5724, 100.2564

Triad

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



36.6038, 43.5724, 96.9236



57.1465, 43.5724, 41.0451



32.9926, 43.5724, 22.3639

Complementary

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



36.6038, 43.5724, 96.9236



45.9297, 32.3774, 6.9627

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.



39.1155, 43.5724, 17.4688



36.6038, 43.5724, 96.9236



53.4403, 43.5724, 25.9247

Square

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



36.6038, 43.5724, 96.9236



56.2653, 43.5724, 63.2854



46.6287, 43.5724, 18.5415



29.4375, 43.5724, 34.4931

Rectangle

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



36.6038, 43.5724, 96.9236



48.8339, 43.5724, 92.6736



46.6287, 43.5724, 18.5415



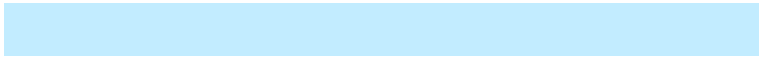
34.7870, 43.5724, 20.0108

Sweetspot

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



36.6054, 43.5739, 96.9247



70.2225, 78.6143, 106.0807



38.4056, 70.2176, 26.4854



14.3742, 16.2315, 22.6253



0.0000, 0.0000, 0.0000



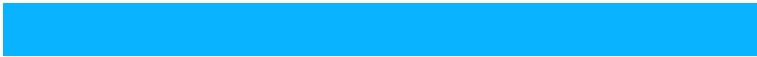
20.3446, 21.4041, 23.3091

Same Dimension

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



36.6054, 43.5739, 96.9247



34.2428, 39.4161, 100.4110



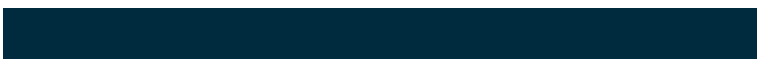
22.3469, 15.0570, 92.1719



17.2829, 18.6426, 22.0728



17.1228, 19.6012, 50.8545



1.6803, 2.0043, 4.7415

Inverse Universe

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



49.6867, 26.3244, 50.0406



49.4597, 24.7250, 44.6681



63.1198, 66.7576, 12.6928



17.7493, 17.4271, 20.5357



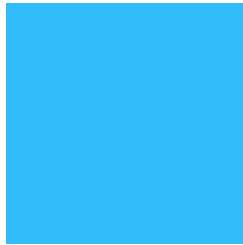
24.9348, 12.3896, 22.1630



2.3571, 1.1666, 2.3038

Previews

White Background



This preview shows how the XYZ color 36.6038, 43.5724, 96.9236 looks on a white background.

Color Contrast Check

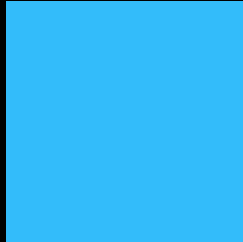
Large Text (above 18pt) WCAG AA × Fail

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 36.6038, 43.5724, 96.9236 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

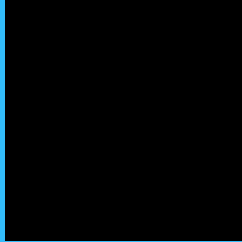
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

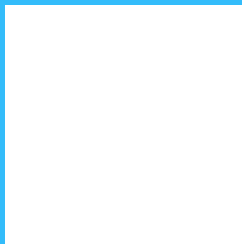
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 36.6038, 43.5724, 96.9236

Background



This preview shows how black text looks on a background with the XYZ color 36.6038, 43.5724, 96.9236.

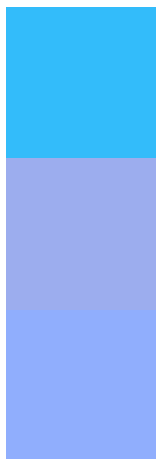


This preview shows how white text looks on a background with the XYZ color 36.6038, 43.5724,

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

36.6038, 43.5724, 96.9236

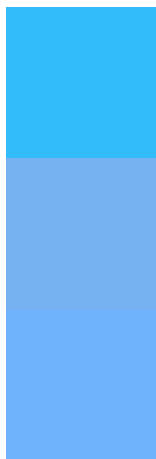
Protanopia

44.0865, 43.1281, 86.8899

Deuteranopia

44.3673, 43.2932, 98.9465

Trichromacy



Original Color

36.6038, 43.5724, 96.9236

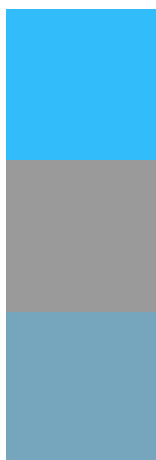
Protanomaly

39.4186, 42.1031, 90.0535

Deuteranomaly

40.1212, 42.5835, 98.2003

Monochromacy



Original Color

36.6038, 43.5724, 96.9236

Achromatopsia

30.7148, 32.3143, 35.1903

Achromatomaly

30.1576, 34.7285, 53.2579

CSS Examples

Text

The CSS property to change the color of the text to XYZ 36.6038, 43.5724, 96.9236 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(51, 188, 250)` looks like.

```
.text, #text, p{  
    color:rgb(51, 188, 250)  
}
```

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(51, 188, 250) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(51, 188, 250) }
```

Border

The CSS property to change the border of an element to XYZ 36.6038, 43.5724, 96.9236 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(51, 188, 250) }
```

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

```
.border{ border-color:rgb(51, 188, 250) }
```

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

Here you see how a box with a 4 pixel `rgb(51, 188, 250)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(51, 188, 250); -webkit-box-  
shadow:4px 4px 4px 4px rgb(51, 188, 250);  
box-shadow:4px 4px 4px 4px rgb(51, 188,  
250) }
```


Background

The CSS property to change the background color of an element to XYZ 36.6038, 43.5724, 96.9236 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(51, 188, 250) }
```

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

```
.background{ background-color: rgb(51, 188,  
250) }
```

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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