

Converting Colors

XYZ(37.4714, 43.4496, 88.0579)

Have a look what the booklet for
XYZ(37.4714, 43.4496, 88.0579)
contains.

XYZ(37.5525, 43.6251, 88.1026)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(37.5525, 43.6251,
88.1026)**

Conversions

Conversions Part 1

Format	Color
Hex	5CBAEF
RGB	92, 186, 239
RGB Percent	36%, 73%, 94%
CMY	0.6392, 0.2706, 0.0627
CMYK	0.62, 0.22, 0.00, 0.06
HSL	202°, 82%, 65%
HSV	202°, 62%, 94%
XYZ	37.5525, 43.6251, 88.1026
YIQ	163.9360, -73.0370, -3.4450

Conversions

Conversions Part 2

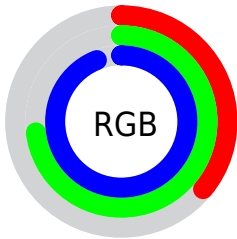
Format	Color
R _Y B	92, 149, 239
Decimal	6077167
CIE Lab	71.98, -12.32, -34.68
CIE LCh	72, 36.807, 250.443
Yxy	43.6251, 0.2218, 0.2577
Android (android.graphics.Color)	4284267247 (0xFF5CBAEF)
YUV	163.9360, 37.0066, -63.0879
Hunter-Lab	66.0493, -14.0996, -32.8519

Details

The XYZ color **37.5525, 43.6251, 88.1026** is a light color, and the websafe version is hex **66CCFF**. The color can be described as light muted azure. A complement of this color would be **47.6554, 39.3764, 15.2157**, and the grayscale version is **35.1123, 36.9408, 40.2286**.

A 20% lighter version of the original color is **63.1286, 77.5943, 106.2577**, and **16.9348, 20.1940, 47.8050** is the 20% darker color. If you saturate the color by 10%, you get **33.7699, 39.0616, 87.4220**, and if you desaturate by 10%, it is **42.2004, 48.7988, 88.8571**.

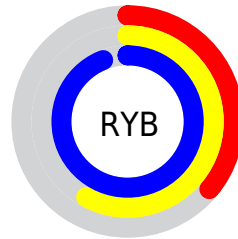
Distribution



Red (36%)

Green (73%)

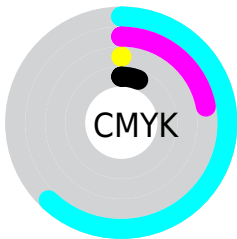
Blue (94%)



Red (36%)

Yellow (58%)

Blue (94%)

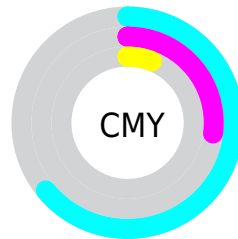


Cyan (62%)

Magenta (22%)

Yellow (0%)

Black (6%)



Cyan (64%)

Magenta (27%)

Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 37.5525, 43.6251, 88.1026 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 37.5525, 43.6251, 88.1026 by changing the saturation by 10% instead.

■ 37.5525, 43.6251,
88.1026

■ 37.5525, 43.6251,
88.1026

327.0105,
361.1762, 542.2492

■ 25.8112, 30.3759,
65.8432

■ 70.7300, 80.6533,
146.6124

■ 16.8144, 20.1241,
47.6895

■ 92.8970, 105.2011,
183.6999

■ 10.1967, 12.4853,
33.2228

■ 119.2699,
134.2839, 226.5671

■ 5.5928, 7.0751,
22.0247

■ 150.2140,
168.2860, 275.6327

■ 2.6374, 3.5091,
13.6765

186.0948,
207.5919, 331.3152

■ 0.9651, 1.4029,
7.7599

227.2776,

■ 0.0000, 0.2189,

252.5860, 394.0331

3.8561

274.1277,
303.6526, 464.2049

■ 0.0000, 0.0000,
1.5467

■ 0.0000, 0.0000,
0.2524

■ 37.5525, 43.6251,
88.1026

■ 37.5525, 43.6251,
88.1026

■ 33.7699, 39.0616,
87.4220

■ 42.2004, 48.7988,
88.8571

■ 30.7727, 35.0619,
86.8079


■ 47.7750, 54.6147,
89.6859


■ 28.4719, 31.5780,
86.2567


■ 54.3368, 61.1076,
90.5933


■ 26.9434, 28.9586,
85.8317


■ 61.9398, 68.3079,
91.5823

 70.6338, 76.2438,
92.6559

 80.4650, 84.9417,
93.8166

 89.8742, 93.6002,
94.9920

 92.5610, 98.9738,
95.8876

 92.5801, 99.0121,
95.8939

Harmonies

Analogous

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



32.9375, 43.6251, 73.6472



37.5525, 43.6251, 88.1026



43.6915, 43.6251, 90.2671

Triad

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



37.5525, 43.6251, 88.1026



54.5078, 43.6251, 41.5045



34.1149, 43.6251, 25.7447

Complementary

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



37.5525, 43.6251, 88.1026



47.6554, 39.3764, 15.2157

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.



39.3142, 43.6251, 20.9638



37.5525, 43.6251, 88.1026



51.3488, 43.6251, 28.4150

Square

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



37.5525, 43.6251, 88.1026



53.9140, 43.6251, 60.0413



45.6388, 43.6251, 21.7991



31.0959, 43.6251, 36.8398

Rectangle

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



37.5525, 43.6251, 88.1026



47.8877, 43.6251, 83.9836



45.6388, 43.6251, 21.7991



35.6427, 43.6251, 23.4904

Sweetspot

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



37.5540, 43.6267, 88.1037



75.0787, 82.2018, 106.5172



40.2737, 66.0063, 36.7857



15.4648, 17.0363, 22.7232



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.



37.5540, 43.6267, 88.1037



38.0798, 43.9141, 101.0770



26.0183, 20.5552, 84.2584



15.7402, 16.9145, 20.1568



15.0182, 16.2606, 47.4749



1.3433, 1.5406, 3.9808

Inverse Universe

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



48.2880, 29.5518, 49.6148



52.1716, 28.7779, 49.7985



62.3296, 68.7248, 20.1071



16.1983, 15.9290, 18.6005



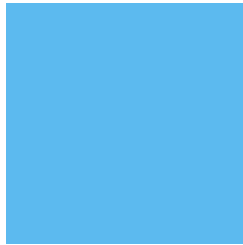
22.9061, 11.4349, 17.9540



1.9530, 0.9702, 1.7433

Previews

White Background



This preview shows how the XYZ color 37.5525, 43.6251, 88.1026 looks on a white background.

Color Contrast Check

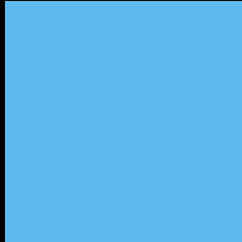
Large Text (above 18pt) WCAG AA × Fail

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 37.5525, 43.6251, 88.1026 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

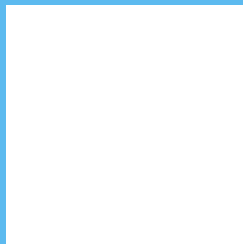
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 37.5525, 43.6251, 88.1026

Background



This preview shows how black text looks on a background with the XYZ color 37.5525, 43.6251, 88.1026.

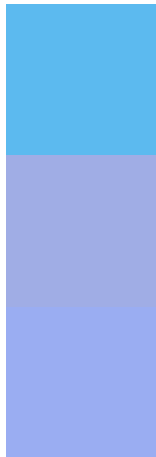


This preview shows how white text looks on a background with the XYZ color 37.5525, 43.6251,

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

37.5525, 43.6251, 88.1026

Protanopia

43.5836, 43.0179, 80.1349

Deuteranopia

44.2970, 43.1680, 90.0019



Tritanopia

33.1727, 43.7820, 65.7339

Trichromacy



Original Color

37.5525, 43.6251, 88.1026

Protanomaly

40.6200, 42.8749, 83.2256

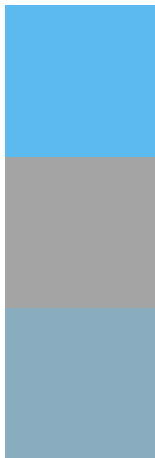
Deuteranomaly

41.1577, 43.0170, 89.3530

Tritanomaly

34.6793, 43.7352, 73.6318

Monochromacy



Original Color

37.5525, 43.6251, 88.1026

Achromatopsia

35.2861, 37.1238, 40.4278

Achromatomaly

34.6377, 38.6699, 54.9287

CSS Examples

Text

The CSS property to change the color of the text to XYZ 37.5525, 43.6251, 88.1026 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(92, 186, 239)` looks like.

```
.text, #text, p{  
    color:rgb(92, 186, 239)  
}
```

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(92, 186, 239) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(92, 186, 239) }
```

Border

The CSS property to change the border of an element to XYZ 37.5525, 43.6251, 88.1026 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(92, 186, 239) }
```


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

```
.border{ border-color:rgb(92, 186, 239) }
```

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

Here you see how a box with a 4 pixel `rgb(92, 186, 239)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(92, 186, 239); -webkit-box-  
shadow:4px 4px 4px 4px rgb(92, 186, 239);  
box-shadow:4px 4px 4px 4px rgb(92, 186,  
239) }
```

Background

The CSS property to change the background color of an element to XYZ 37.5525, 43.6251, 88.1026 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(92, 186, 239) }
```

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

```
.background{ background-color: rgb(92, 186,  
239) }
```

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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