

Converting Colors

XYZ(36.3625, 35.2492, 96.9841)

Have a look what the booklet for
XYZ(36.3625, 35.2492, 96.9841)
contains.

XYZ(36.4482, 35.4211, 97.0114)	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(36.4482, 35.4211,
97.0114)**

Conversions

Conversions Part 1

Format	Color
Hex	6DA0FC
RGB	109, 160, 252
RGB Percent	43%, 63%, 99%
CMY	0.5725, 0.3725, 0.0118
CMYK	0.57, 0.37, 0.00, 0.01
HSL	219°, 96%, 71%
HSV	219°, 57%, 99%
XYZ	36.4482, 35.4211, 97.0114
YIQ	155.2390, -59.9280, 17.8000

Conversions

Conversions Part 2

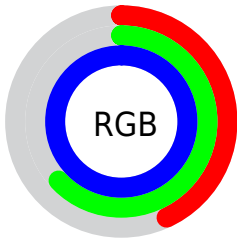
Format	Color
R _{YB}	109, 147, 252
Decimal	7184636
CIE Lab	66.08, 9.49, -50.94
CIE LCh	66, 51.817, 280.549
Yxy	35.4211, 0.2158, 0.2097
Android (android.graphics.Color)	4285374716 (0xFF6DA0FC)
YUV	155.2390, 47.7032, -40.5516
Hunter-Lab	59.5156, 5.1635, -54.9827

Details

The XYZ color **36.4482, 35.4211, 97.0114** is a light color, and the websafe version is hex **6699FF**. A complement of this color would be **63.7941, 63.5762, 23.3792**, and the grayscale version is **31.0773, 32.6957, 35.6056**.

A 20% lighter version of the original color is **58.4588, 63.7482, 103.8313**, and **16.1940, 15.3285, 53.7349** is the 20% darker color. If you saturate the color by 10%, you get **31.1511, 28.7869, 96.0108**, and if you desaturate by 10%, it is **43.0030, 43.2488, 98.1776**.

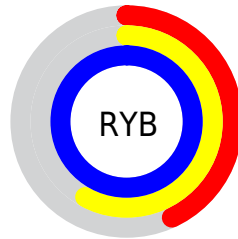
Distribution



Red (43%)

Green (63%)

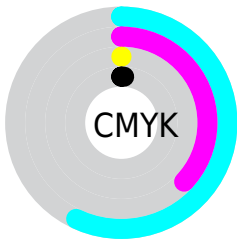
Blue (99%)



Red (43%)

Yellow (58%)

Blue (99%)

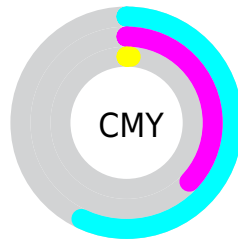


Cyan (57%)

Magenta (37%)

Yellow (0%)

Black (1%)



Cyan (57%)

Magenta (37%)

Yellow (1%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 36.4482, 35.4211, 97.0114 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 36.4482, 35.4211, 97.0114 by changing the saturation by 10% instead.

■ 36.4482, 35.4211,
97.0114

■ 36.4482, 35.4211,
97.0114

322.3125,
326.4232, 571.7324

■ 24.9523, 23.9874,
73.2041

■ 69.0427, 68.1376,
159.0599

■ 16.1700, 15.3243,
53.6500

■ 90.8719, 90.1892,
198.1382

■ 9.7362, 9.0473,
37.9307

■ 116.8762,
116.5490, 243.1439

■ 5.2853, 4.7720,
25.6275

147.4211,
147.6012, 294.4956

■ 2.4521, 2.1141,
16.3219

182.8718,
183.7304, 352.6117

■ 0.8712, 0.6726,
9.5954

223.5937,

■ 0.0000, 0.0000,

225.3208, 417.9108

5.0295

269.9521,
272.7569, 490.8116

■ 0.0000, 0.0000,
2.2055

■ 0.0000, 0.0000,
0.6775

■ 36.4482, 35.4211,
97.0114

■ 36.4482, 35.4211,
97.0114

■ 31.1511, 28.7869,
96.0108

■ 43.0030, 43.2488,
98.1776

■ 27.0152, 23.2740,
95.1647

■ 50.8937, 52.3287,
99.5143

■ 23.9352, 18.8065,
94.4647

■ 60.1965, 62.7191,
101.0295

■ 21.7792, 15.2926,
93.9001

■ 70.9804, 74.4737,
102.7300

■ 21.2159, 14.3186,
93.7418

■ 83.3098, 87.6427,
104.6220

94.5708, 99.8083,
106.3767

Harmonies

Analogous

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



28.9768, 35.4211, 93.8972



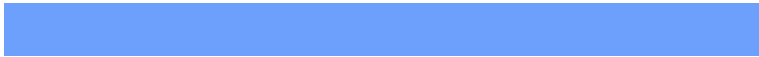
36.4482, 35.4211, 97.0114



44.2286, 35.4211, 80.5482

Triad

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



36.4482, 35.4211, 97.0114



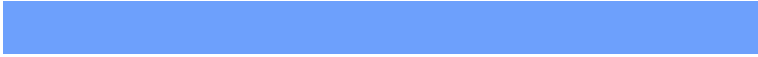
46.2049, 35.4211, 17.0611



21.5555, 35.4211, 26.1095

Complementary

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



36.4482, 35.4211, 97.0114



63.7941, 63.5762, 23.3792

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.



24.9363, 35.4211, 14.5013



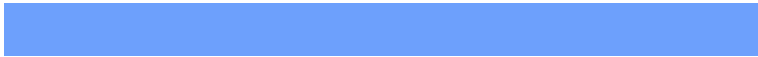
36.4482, 35.4211, 97.0114



38.8371, 35.4211, 10.8244

Square

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



36.4482, 35.4211, 97.0114



50.4047, 35.4211, 31.3197



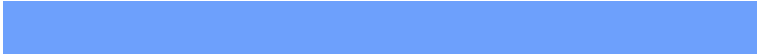
31.0304, 35.4211, 10.1110



21.1170, 35.4211, 46.8553

Rectangle

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



36.4482, 35.4211, 97.0114



48.2611, 35.4211, 63.3743



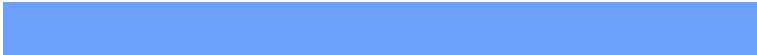
31.0304, 35.4211, 10.1110



22.3581, 35.4211, 21.2618

Sweetspot

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



36.4496, 35.4223, 97.0123



72.5996, 76.1632, 105.4823



51.4934, 77.0231, 66.5334



15.0376, 15.7595, 22.4993



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.



36.4496, 35.4223, 97.0123



31.3834, 28.7727, 98.5073



31.9534, 22.5621, 94.7670



16.7895, 17.6559, 21.9083



11.1775, 7.7105, 48.8727



1.1313, 0.9062, 4.5585

Inverse Universe

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



51.9600, 34.1726, 37.1160



49.2184, 29.2309, 29.2090



71.1545, 88.0384, 27.7130



17.5003, 17.3275, 19.2244



21.9339, 11.1893, 6.3603



2.0799, 1.0557, 0.8444

Previews

White Background



This preview shows how the XYZ color 36.4482, 35.4211, 97.0114 looks on a white background.

Color Contrast Check

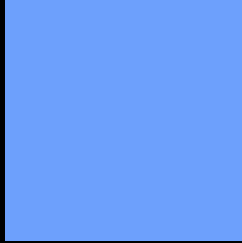
Large Text (above 18pt) WCAG AA × Fail

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 36.4482, 35.4211, 97.0114 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

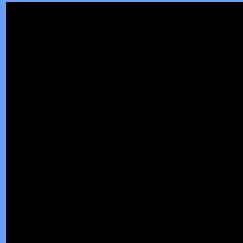
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

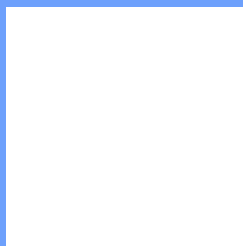
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 36.4482, 35.4211, 97.0114

Background



This preview shows how black text looks on a background with the XYZ color 36.4482, 35.4211, 97.0114.



This preview shows how white text looks on a background with the XYZ color 36.4482, 35.4211,

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

36.4482, 35.4211, 97.0114

Protanopia

37.7600, 35.3891, 94.4631

Deuteranopia

36.4482, 35.4211, 97.0114



Tritanopia

27.4805, 35.3140, 52.3816

Trichromacy



Original Color

36.4482, 35.4211, 97.0114

Protanomaly

37.2279, 35.3489, 95.3034

Deuteranomaly

36.4482, 35.4211, 97.0114

Tritanomaly

30.1741, 34.9837, 66.7902

Monochromacy



Original Color

36.4482, 35.4211, 97.0114

Achromatopsia

31.1553, 32.7778, 35.6950

Achromatomaly

31.8325, 33.2349, 53.4524

CSS Examples

Text

The CSS property to change the color of the text to XYZ 36.4482, 35.4211, 97.0114 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(109, 160, 252)` looks like.

```
.text, #text, p{  
    color:rgb(109, 160, 252)  
}
```

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(109, 160, 252) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(109, 160, 252) }
```

Border

The CSS property to change the border of an element to XYZ 36.4482, 35.4211, 97.0114 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(109, 160, 252) }
```


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

```
.border{ border-color:rgb(109, 160, 252) }
```

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

Here you see how a box with a 4 pixel `rgb(109, 160, 252)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(109, 160, 252); -webkit-box-  
shadow:4px 4px 4px 4px rgb(109, 160, 252);  
box-shadow:4px 4px 4px 4px rgb(109, 160,  
252) }
```

Background

The CSS property to change the background color of an element to XYZ 36.4482, 35.4211, 97.0114 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(109, 160, 252) }
```

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

```
.background{ background-color: rgb(109,  
160, 252) }
```

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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