

Converting Colors

XYZ(41.1584, 38.8770, 98.2632)

Have a look what the booklet for
XYZ(41.1584, 38.8770, 98.2632)
contains.

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Color

**XYZ(41.1584, 38.8770,
98.2632)**

Conversions

Conversions Part 1

Format	Color
Hex	88A4FD
RGB	136, 164, 253
RGB Percent	53%, 64%, 99%
CMY	0.4666, 0.3569, 0.0078
CMYK	0.46, 0.35, 0.00, 0.01
HSL	226°, 97%, 76%
HSV	226°, 46%, 99%
XYZ	41.1584, 38.8770, 98.2632
YIQ	165.7740, -45.2570, 21.7430

Conversions

Conversions Part 2

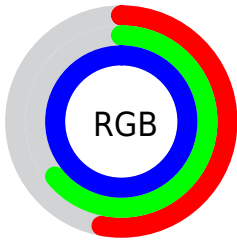
Format	Color
RYB	136, 159, 253
Decimal	8955133
CIELab	68.66, 13.35, -47.30
CIElCh	69, 49.154, 285.765
Yxy	38.8770, 0.2308, 0.2180
Android (android.graphics.Color)	4287145213 (0xFF88A4FD)
YUV	165.7740, 43.0024, -26.1118
Hunter-Lab	62.3514, 8.7135, -49.7925

Details

The XYZ color **41.1584, 38.8770, 98.2632** is a light color, and the websafe version is hex **6699FF**. A complement of this color would be **71.8788, 76.5128, 34.2745**, and the grayscale version is **35.9525, 37.8248, 41.1912**.

A 20% lighter version of the original color is **65.6297, 69.3524, 104.5350**, and **19.0108, 17.4155, 54.5841** is the 20% darker color. If you saturate the color by 10%, you get **34.3365, 30.6289, 97.0315**, and if you desaturate by 10%, it is **49.4740, 48.6702, 99.7160**.

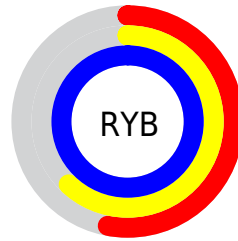
Distribution



Red (53%)

Green (64%)

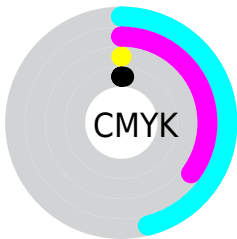
Blue (99%)



Red (53%)

Yellow (62%)

Blue (99%)

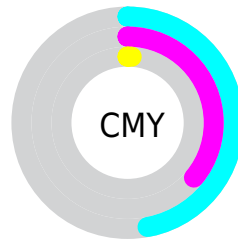


Cyan (46%)

Magenta (35%)

Yellow (0%)

Black (1%)



Cyan (47%)

Magenta (36%)

Yellow (1%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 41.1584, 38.8770, 98.2632 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 41.1584, 38.8770, 98.2632 by changing the saturation by 10% instead.

■ 41.1584, 38.8770,
98.2632

■ 41.1584, 38.8770,
98.2632

342.0335,
341.3673, 575.8089

■ 28.6311, 26.6641,
74.2421

■ 76.1975, 73.4504,
160.7994

■ 18.9448, 17.3211,
54.4942

■ 99.4400, 96.5796,
200.1515

■ 11.7342, 10.4637,
38.6011

■ 126.9849,
124.1164, 245.4510

■ 6.6338, 5.7075,
26.1441

159.1976,
156.4451, 297.1165

■ 3.2785, 2.6680,
16.7047

196.4435,
193.9501, 355.5665

■ 1.3027, 0.9610,
9.8645

239.0878,

■ 0.1852, 0.0000,

237.0159, 421.2196

5.2048

287.4961,
286.0268, 494.4942

■ 0.0000, 0.0000,
2.3071

■ 0.0000, 0.0000,
0.7352

■ 41.1584, 38.8770,
98.2632

■ 41.1584, 38.8770,
98.2632

■ 34.3365, 30.6289,
97.0315

■ 49.4740, 48.6702,
99.7160

■ 28.9114, 23.8392,
96.0069

■ 59.3635, 60.0802,
101.3971

■ 24.7810, 18.4187,
95.1783

■ 70.9060, 73.1792,
103.3171

■ 21.8261, 14.2654,
94.5324

■ 84.1744, 88.0337,
105.4850

■ 19.9022, 11.2602,
94.0537

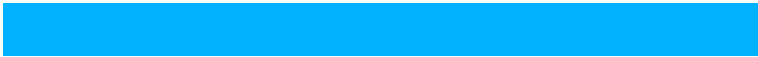
94.7298, 99.8719,
107.2136

■ 19.3743, 10.3809,
93.9118

Harmonies

Analogous

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



33.3999, 38.8770, 98.7819



41.1584, 38.8770, 98.2632



48.7153, 38.8770, 79.7192

Triad

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



41.1584, 38.8770, 98.2632



48.3773, 38.8770, 18.4892



24.2856, 38.8770, 32.6614

Complementary

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



41.1584, 38.8770, 98.2632



71.8788, 76.5128, 34.2745

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.



27.2524, 38.8770, 18.9576



41.1584, 38.8770, 98.2632



40.7462, 38.8770, 12.9377

Square

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



41.1584, 38.8770, 98.2632



53.2648, 38.8770, 31.7428



33.0414, 38.8770, 13.0722



24.3637, 38.8770, 55.0439

Rectangle

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



41.1584, 38.8770, 98.2632



52.3079, 38.8770, 62.4224



33.0414, 38.8770, 13.0722



24.9396, 38.8770, 27.0913

Sweetspot

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



41.1598, 38.8784, 98.2641



75.0540, 77.7272, 105.6548



58.7006, 80.8541, 82.8573



15.4723, 15.9703, 22.5171



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.



41.1598, 38.8784, 98.2641



35.7263, 32.1258, 98.9257



42.1046, 32.7283, 97.0273



17.3559, 18.0834, 22.8256



10.3994, 5.7084, 49.9883



1.0928, 0.7162, 4.8939

Inverse Universe

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



56.0143, 41.1730, 40.1181



52.7123, 35.6125, 32.2424



70.2335, 87.8365, 36.5469



18.1875, 18.0583, 19.6047



22.0373, 11.3042, 3.5812



2.1862, 1.1168, 0.5619

Previews

White Background



This preview shows how the XYZ color 41.1584, 38.8770, 98.2632 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 41.1584, 38.8770, 98.2632 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

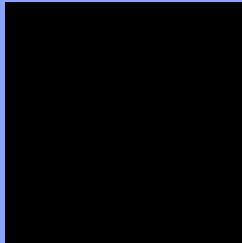
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 41.1584, 38.8770, 98.2632

Background



This preview shows how black text looks on a background with the XYZ color 41.1584, 38.8770, 98.2632.



This preview shows how white text looks on a background with the XYZ color 41.1584, 38.8770,

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

41.1584, 38.8770, 98.2632

Protanopia

41.1584, 38.8770, 98.2632

Deuteranopia

39.9593, 38.8127, 97.4810



Tritanopia

32.5973, 39.0574, 55.1110

Trichromacy



Original Color

41.1584, 38.8770, 98.2632

Protanomaly

41.1584, 38.8770, 98.2632

Deuteranomaly

40.2317, 38.6844, 97.4418

Tritanomaly

35.3476, 38.7201, 69.2290

Monochromacy



Original Color

41.1584, 38.8770, 98.2632

Achromatopsia

36.2450, 38.1326, 41.5264

Achromatomaly

37.1657, 37.9560, 58.7935

CSS Examples

Text

The CSS property to change the color of the text to XYZ 41.1584, 38.8770, 98.2632 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(136, 164, 253)` looks like.

```
.text, #text, p{  
    color:rgb(136, 164, 253)  
}
```

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(136, 164, 253) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(136, 164, 253) }
```

Border

The CSS property to change the border of an element to XYZ 41.1584, 38.8770, 98.2632 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(136, 164, 253) }
```


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

```
.border{ border-color:rgb(136, 164, 253) }
```

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

Here you see how a box with a 4 pixel `rgb(136, 164, 253)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(136, 164, 253); -webkit-box-  
shadow:4px 4px 4px 4px rgb(136, 164, 253);  
box-shadow:4px 4px 4px 4px rgb(136, 164,  
253) }
```

Background

The CSS property to change the background color of an element to XYZ 41.1584, 38.8770, 98.2632 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(136, 164, 253) }
```

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

```
.background{ background-color: rgb(136,  
164, 253) }
```

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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