

Converting Colors

XYZ(38.0541, 37.1207, 93.1550)

Have a look what the booklet for
XYZ(38.0541, 37.1207, 93.1550)
contains.

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Color

**XYZ(38.0541, 37.1207,
93.1550)**

Conversions

Conversions Part 1

Format	Color
Hex	7BA3F7
RGB	123, 163, 247
RGB Percent	48%, 64%, 97%
CMY	0.5176, 0.3608, 0.0314
CMYK	0.50, 0.34, 0.00, 0.03
HSL	221°, 89%, 73%
HSV	221°, 50%, 97%
XYZ	38.0541, 37.1207, 93.1550
YIQ	160.6160, -50.8040, 17.6440

Conversions

Conversions Part 2

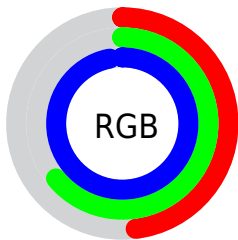
Format	Color
RYB	123, 153, 247
Decimal	8102903
CIELab	67.37, 9.17, -46.13
CIELCh	67, 47.032, 281.249
Yxy	37.1207, 0.2261, 0.2205
Android (android.graphics.Color)	4286292983 (0xFF7BA3F7)
YUV	160.6160, 42.5873, -32.9892
Hunter-Lab	60.9268, 4.8671, -48.0037

Details

The XYZ color **38.0541, 37.1207, 93.1550** is a light color, and the websafe version is hex **6699FF**. A complement of this color would be **64.2476, 65.8326, 28.0617**, and the grayscale version is **33.5254, 35.2713, 38.4104**.

A 20% lighter version of the original color is **62.1775, 67.1866, 104.2989**, and **17.1383, 16.3628, 50.9702** is the 20% darker color. If you saturate the color by 10%, you get **32.1792, 29.9701, 92.0852**, and if you desaturate by 10%, it is **45.2161, 45.5196, 94.3994**.

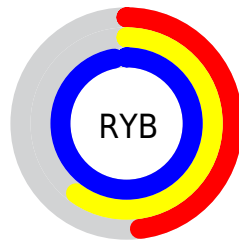
Distribution



Red (48%)

Green (64%)

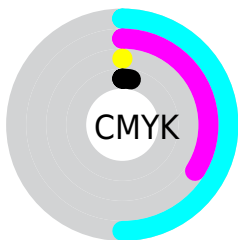
Blue (97%)



Red (48%)

Yellow (60%)

Blue (97%)

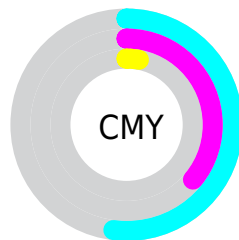


Cyan (50%)

Magenta (34%)

Yellow (0%)

Black (3%)



Cyan (52%)

Magenta (36%)

Yellow (3%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 38.0541, 37.1207, 93.1550 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 38.0541, 37.1207, 93.1550 by changing the saturation by 10% instead.

■ 38.0541, 37.1207,
93.1550

■ 38.0541, 37.1207,
93.1550

329.1288,
333.8328, 559.0741

■ 26.2021, 25.3010,
70.0120

■ 71.4944, 70.7584,
153.6868

■ 17.1084, 16.3014,
51.0594

■ 93.8134, 93.3451,
191.9125

■ 10.4076, 9.7377,
35.8788

■ 120.3521,
120.2896, 236.0030

■ 5.7343, 5.2254,
24.0517

151.4759,
151.9763, 286.3767

■ 2.7233, 2.3801,
15.1594

187.5501,
188.7896, 343.4521

■ 1.0092, 0.8156,
8.7835

228.9401,

■ 0.0000, 0.0000,

231.1138, 407.6477

4.5053

276.0112,
279.3334, 479.3823

■ 0.0000, 0.0000,
1.9065

■ 0.0000, 0.0000,
0.4968

■ 38.0541, 37.1207,
93.1550

■ 38.0541, 37.1207,
93.1550

■ 32.1792, 29.9701,
92.0852

■ 45.2161, 45.5196,
94.3994

■ 27.5036, 23.9980,
91.1789

■ 53.7368, 55.2234,
95.8233

■ 23.9340, 19.1326,
90.4279

■ 63.6872, 66.2896,
97.4349

■ 21.3596, 15.2909,
89.8220

■ 75.1319, 78.7710,
99.2408

■ 19.6334, 12.4050,
89.3560

■ 88.1314, 92.7175,
101.2476

■ 93.7886, 99.4955,
102.2577

Harmonies

Analogous

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



31.0136, 37.1207, 90.8302



38.0541, 37.1207, 93.1550



45.2270, 37.1207, 78.1883

Triad

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



38.0541, 37.1207, 93.1550



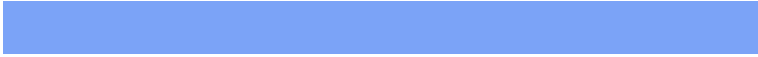
46.7564, 37.1207, 19.4967



23.7226, 37.1207, 28.9587

Complementary

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



38.0541, 37.1207, 93.1550



64.2476, 65.8326, 28.0617

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.



26.9137, 37.1207, 17.3249



38.0541, 37.1207, 93.1550



39.9254, 37.1207, 13.2870

Square

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



38.0541, 37.1207, 93.1550



50.6882, 37.1207, 33.1621



32.6481, 37.1207, 12.6572



23.3644, 37.1207, 48.6621

Rectangle

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



38.0541, 37.1207, 93.1550



48.8746, 37.1207, 62.6633



32.6481, 37.1207, 12.6572



24.4769, 37.1207, 24.1801

Sweetspot

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



38.0555, 37.1220, 93.1559



74.6347, 78.0208, 105.7336



52.5307, 75.1736, 69.9234



15.4254, 16.0994, 22.5444



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.



38.0555, 37.1220, 93.1559



34.6528, 32.2915, 99.0142



35.3168, 26.7827, 91.3046



16.0176, 16.7994, 20.9410



10.4971, 6.7880, 47.2950



1.0119, 0.7751, 4.1865

Inverse Universe

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



52.0529, 36.5862, 38.9697



51.6059, 33.0086, 33.0796



68.3058, 84.1753, 31.3883



16.7194, 16.5706, 18.2691



21.1030, 10.7846, 5.2506



1.8998, 0.9659, 0.6987

Previews

White Background



This preview shows how the XYZ color 38.0541, 37.1207, 93.1550 looks on a white background.

Color Contrast Check

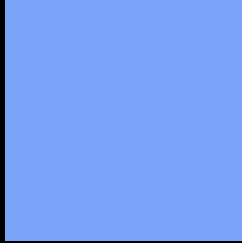
Large Text (above 18pt) WCAG AA × Fail

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 38.0541, 37.1207, 93.1550 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 38.0541, 37.1207, 93.1550

Background



This preview shows how black text looks on a background with the XYZ color 38.0541, 37.1207, 93.1550.



This preview shows how white text looks on a background with the XYZ color 38.0541, 37.1207,

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

38.0541, 37.1207, 93.1550

Protanopia

39.0578, 37.1506, 91.4984

Deuteranopia

38.1979, 37.1949, 93.1618



Tritanopia

30.2242, 37.2771, 53.7463

Trichromacy



Original Color

38.0541, 37.1207, 93.1550

Protanomaly

38.7608, 37.2403, 92.3340

Deuteranomaly

38.1979, 37.1949, 93.1618

Tritanomaly

32.7513, 37.1585, 66.4189

Monochromacy



Original Color

38.0541, 37.1207, 93.1550

Achromatopsia

33.8758, 35.6400, 38.8120

Achromatomaly

34.4674, 35.8495, 54.9722

CSS Examples

Text

The CSS property to change the color of the text to XYZ 38.0541, 37.1207, 93.1550 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(123, 163, 247)` looks like.

```
.text, #text, p{  
    color:rgb(123, 163, 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(123, 163, 247) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(123, 163, 247) }
```

Border

The CSS property to change the border of an element to XYZ 38.0541, 37.1207, 93.1550 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(123, 163, 247) }
```


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

```
.border{ border-color:rgb(123, 163, 247) }
```

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

Here you see how a box with a 4 pixel `rgb(123, 163, 247)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(123, 163, 247); -webkit-box-  
shadow:4px 4px 4px 4px rgb(123, 163, 247);  
box-shadow:4px 4px 4px 4px rgb(123, 163,  
247) }
```

Background

The CSS property to change the background color of an element to XYZ 38.0541, 37.1207, 93.1550 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(123, 163, 247) }
```

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

```
.background{ background-color: rgb(123,  
163, 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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