

Converting Colors

XYZ(39.3905, 37.3398, 90.7191)

Have a look what the booklet for
XYZ(39.3905, 37.3398, 90.7191)
contains.

XYZ(39.3905, 37.3398, 90.7191)	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(39.3905, 37.3398,
90.7191)**

Conversions

Conversions Part 1

Format	Color
Hex	89A1F4
RGB	137, 161, 244
RGB Percent	54%, 63%, 96%
CMY	0.4627, 0.3686, 0.0431
CMYK	0.44, 0.34, 0.00, 0.04
HSL	227°, 83%, 75%
HSV	227°, 44%, 96%
XYZ	39.3905, 37.3398, 90.7191
YIQ	163.2860, -40.9470, 20.7250

Conversions

Conversions Part 2

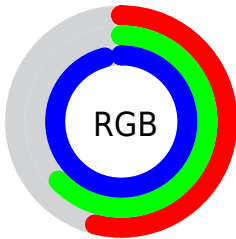
Format	Color
R _Y B	137, 157, 244
Decimal	9019892
CIE Lab	67.53, 12.73, -44.18
CIE LCh	68, 45.975, 286.079
Yxy	37.3398, 0.2352, 0.2230
Android (android.graphics.Color)	4287209972 (0xFF89A1F4)
YUV	163.2860, 39.7920, -23.0528
Hunter-Lab	61.1063, 8.1291, -45.2482

Details

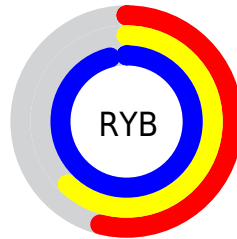
The XYZ color **39.3905, 37.3398, 90.7191** is a light color, and the websafe version is hex **6699FF**. A complement of this color would be **67.4180, 72.2272, 34.0565**, and the grayscale version is **34.7807, 36.5920, 39.8487**.

A 20% lighter version of the original color is **64.8540, 67.8011, 104.2765**, and **17.8538, 16.4452, 49.2469** is the 20% darker color. If you saturate the color by 10%, you get **32.7727, 29.3847, 89.5331**, and if you desaturate by 10%, it is **47.4160, 46.7652, 92.1161**.

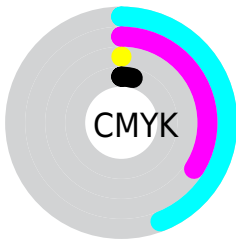
Distribution



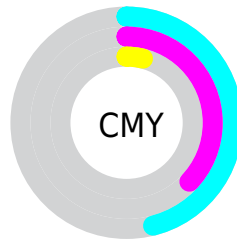
- Red (54%)
- Green (63%)
- Blue (96%)



- Red (54%)
- Yellow (62%)
- Blue (96%)



- Cyan (44%)
- Magenta (34%)
- Yellow (0%)
- Black (4%)



- Cyan (46%)
- Magenta (37%)
- Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 39.3905, 37.3398, 90.7191 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 39.3905, 37.3398, 90.7191 by changing the saturation by 10% instead.

■ 39.3905, 37.3398,
90.7191

■ 39.3905, 37.3398,
90.7191

334.7265,
334.7793, 550.9976

■ 27.2457, 25.4707,
68.0001

■ 73.5247, 71.0951,
150.2811

■ 17.8954, 16.4281,
49.4312

■ 96.2449, 93.7501,
187.9612

■ 10.9742, 9.8276,
34.5936

123.2210,
120.7691, 231.4655

■ 6.1166, 5.2848,
23.0690

154.8183,
152.5366, 281.2124

■ 2.9575, 2.4153,
14.4387

191.4021,
189.4370, 337.6205

■ 1.1313, 0.8337,
8.2842

233.3378,

■ 0.0511, 0.0000,

231.8547, 401.1084

4.1869

280.9909,
280.1740, 472.0946

■ 0.0000, 0.0000,
1.7284

■ 0.0000, 0.0000,
0.3801

■ 39.3905, 37.3398,
90.7191

■ 39.3905, 37.3398,
90.7191

■ 32.7727, 29.3847,
89.5331

■ 47.4160, 46.7652,
92.1161

■ 27.4745, 22.8191,
88.5451

■ 56.9222, 57.7276,
93.7310

■ 23.4035, 17.5603,
87.7446

■ 67.9815, 70.2947,
95.5738

■ 20.4530, 13.5143,
87.1191

■ 80.6608, 84.5285,
97.6530

■ 18.4960, 10.5726,
86.6545

■ 93.3293, 99.3117,
99.8387

■ 17.6825, 9.2383,
86.4398

Harmonies

Analogous

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



32.3190, 37.3398, 91.3687



39.3905, 37.3398, 90.7191



46.2114, 37.3398, 74.0876

Triad

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



39.3905, 37.3398, 90.7191



45.7810, 37.3398, 18.5656



23.8623, 37.3398, 31.9903

Complementary

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



39.3905, 37.3398, 90.7191



67.4180, 72.2272, 34.0565

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.



26.5707, 37.3398, 19.1873



39.3905, 37.3398, 90.7191



38.8627, 37.3398, 13.3648

Square

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



39.3905, 37.3398, 90.7191



50.2223, 37.3398, 30.7982



31.8566, 37.3398, 13.5463



23.9641, 37.3398, 52.4221

Rectangle

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



39.3905, 37.3398, 90.7191



49.4250, 37.3398, 58.5761



31.8566, 37.3398, 13.5463



24.4569, 37.3398, 26.8244

Sweetspot

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



39.3919, 37.3412, 90.7200



76.2266, 78.9225, 105.8237



55.4590, 75.1369, 78.6219



15.6973, 16.1942, 22.5484



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.



39.3919, 37.3412, 90.7200



36.7073, 33.0671, 99.0556



40.9045, 32.4813, 89.7022



15.8826, 16.5295, 20.8960



9.6981, 5.1899, 47.0286



0.9263, 0.6040, 4.1580

Inverse Universe

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



52.6881, 39.6991, 38.6052



53.4566, 36.8642, 33.2211



65.0287, 81.0262, 35.8808



16.6513, 16.5434, 17.9104



20.6997, 10.6233, 3.1268



1.8566, 0.9486, 0.4713

Previews

White Background



This preview shows how the XYZ color 39.3905, 37.3398, 90.7191 looks on a white background.

Color Contrast Check

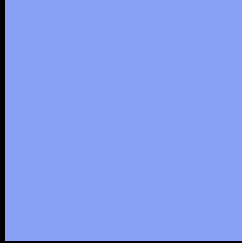
Large Text (above 18pt) WCAG AA × Fail

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 39.3905, 37.3398, 90.7191 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 39.3905, 37.3398, 90.7191

Background



This preview shows how black text looks on a background with the XYZ color 39.3905, 37.3398, 90.7191.



This preview shows how white text looks on a background with the XYZ color 39.3905, 37.3398,

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

39.3905, 37.3398, 90.7191

Protanopia

39.2273, 37.2556, 90.7115

Deuteranopia

38.4796, 37.3932, 90.7775



Tritanopia

31.6917, 37.4973, 52.0217

Trichromacy



Original Color

39.3905, 37.3398, 90.7191

Protanomaly

39.2273, 37.2556, 90.7115

Deuteranomaly

38.7652, 37.2778, 90.7401

Tritanomaly

34.2028, 37.3930, 64.4464

Monochromacy



Original Color

39.3905, 37.3398, 90.7191

Achromatopsia

34.8123, 36.6253, 39.8849

Achromatomaly

35.7612, 36.5165, 55.0327

CSS Examples

Text

The CSS property to change the color of the text to XYZ 39.3905, 37.3398, 90.7191 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(137, 161, 244)` looks like.

```
.text, #text, p{  
    color:rgb(137, 161, 244)  
}
```

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(137, 161, 244) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(137, 161, 244) }
```

Border

The CSS property to change the border of an element to XYZ 39.3905, 37.3398, 90.7191 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(137, 161, 244) }
```


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

```
.border{ border-color:rgb(137, 161, 244) }
```

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

Here you see how a box with a 4 pixel rgb(137, 161, 244) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(137, 161, 244); -webkit-box-  
shadow:4px 4px 4px 4px rgb(137, 161, 244);  
box-shadow:4px 4px 4px 4px rgb(137, 161,  
244) }
```

Background

The CSS property to change the background color of an element to XYZ 39.3905, 37.3398, 90.7191 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(137, 161, 244) }
```

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

```
.background{ background-color: rgb(137,  
161, 244) }
```

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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