

Converting Colors

XYZ(37.5920, 41.0913, 93.1389)

Have a look what the booklet for
XYZ(37.5920, 41.0913, 93.1389)
contains.

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Color

**XYZ(37.5920, 41.0913,
93.1389)**

Conversions

Conversions Part 1

Format	Color
Hex	62B2F6
RGB	98, 178, 246
RGB Percent	38%, 70%, 96%
CMY	0.6157, 0.3020, 0.0353
CMYK	0.60, 0.28, 0.00, 0.04
HSL	208°, 89%, 67%
HSV	208°, 60%, 96%
XYZ	37.5920, 41.0913, 93.1389
YIQ	161.8320, -69.5080, 4.1880

Conversions

Conversions Part 2

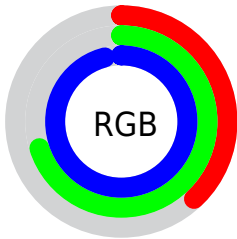
Format	Color
R _Y B	98, 150, 246
Decimal	6468342
CIE Lab	70.24, -4.70, -41.16
CIE LCh	70, 41.433, 263.481
Yxy	41.0913, 0.2188, 0.2392
Android (android.graphics.Color)	4284658422 (0xFF62B2F6)
YUV	161.8320, 41.4948, -55.9807
Hunter-Lab	64.1025, -7.5006, -41.2747

Details

The XYZ color **37.5920, 41.0913, 93.1389** is a light color, and the websafe version is hex **6699CC**. A complement of this color would be **53.8489, 47.7500, 17.9358**, and the grayscale version is **34.1011, 35.8770, 39.0701**.

A 20% lighter version of the original color is **61.7709, 73.4366, 105.5267**, and **16.8432, 18.6974, 50.8653** is the 20% darker color. If you saturate the color by 10%, you get **33.1771, 35.6137, 92.3151**, and if you desaturate by 10%, it is **43.0105, 47.3628, 94.0646**.

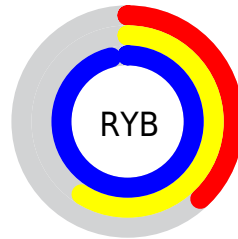
Distribution



Red (38%)

Green (70%)

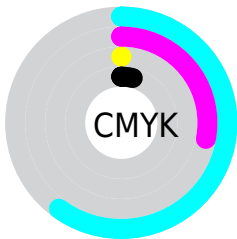
Blue (96%)



Red (38%)

Yellow (59%)

Blue (96%)

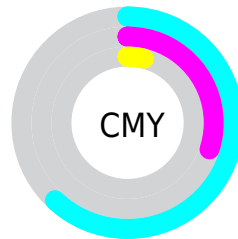


Cyan (60%)

Magenta (28%)

Yellow (0%)

Black (4%)



Cyan (62%)

Magenta (30%)

Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 37.5920, 41.0913, 93.1389 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 37.5920, 41.0913, 93.1389 by changing the saturation by 10% instead.

■ 37.5920, 41.0913,
93.1389

■ 37.5920, 41.0913,
93.1389

327.1777,
350.7021, 559.0210

■ 25.8420, 28.3904,
69.9986

■ 70.7903, 76.8225,
153.6643

■ 16.8375, 18.6202,
51.0486

■ 92.9692, 100.6216,
191.8865

■ 10.2133, 11.3962,
35.8703

■ 119.3552,
128.8889, 235.9731

■ 5.6040, 6.3340,
24.0452

■ 150.3135,
162.0087, 286.3426

■ 2.6441, 3.0492,
15.1546

186.2096,
200.3656, 343.4136

■ 0.9685, 1.1575,
8.7801

227.4088,

■ 0.0000, 0.0266,

244.3438, 407.6047

4.5032

274.2763,
294.3279, 479.3343

■ 0.0000, 0.0000,
1.9053

■ 0.0000, 0.0000,
0.4961

■ 37.5920, 41.0913,
93.1389

■ 37.5920, 41.0913,
93.1389

■ 33.1771, 35.6137,
92.3151

■ 43.0105, 47.3628,
94.0646

■ 29.6795, 30.8769,
91.5852

■ 49.5002, 54.4672,
95.0939

■ 27.0037, 26.8254,
90.9442

■ 57.1274, 62.4457,
96.2319

■ 25.0182, 23.4208,
90.3917

■ 65.9512, 71.3347,
97.4826

■ 76.0266, 81.1683,
98.8496

■ 87.4050, 91.9787,
100.3365

■ 93.6347, 99.4339,
101.4472

Harmonies

Analogous

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



31.7884, 41.0913, 82.0337



37.5920, 41.0913, 93.1389



44.4941, 41.0913, 88.5609

Triad

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



37.5920, 41.0913, 93.1389



52.3006, 41.0913, 31.4322



29.4726, 41.0913, 25.9707

Complementary

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



37.5920, 41.0913, 93.1389



53.8489, 47.7500, 17.9358

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.



34.0802, 41.0913, 18.4572



37.5920, 41.0913, 93.1389



47.3547, 41.0913, 20.9119

Square

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



37.5920, 41.0913, 93.1389



53.5212, 41.0913, 49.1236



40.5576, 41.0913, 16.9197



27.4646, 41.0913, 40.6279

Rectangle

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



37.5920, 41.0913, 93.1389



48.7495, 41.0913, 77.7376



40.5576, 41.0913, 16.9197



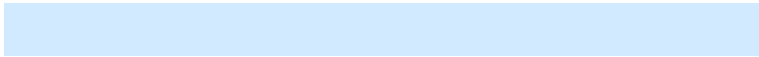
30.7411, 41.0913, 22.7198

Sweetspot

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



37.5935, 41.0927, 93.1399



73.7701, 79.5844, 106.0810



44.7496, 71.2115, 46.7958



15.1449, 16.3966, 22.6166



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.



37.5935, 41.0927, 93.1399



35.1731, 37.5651, 100.0047



26.7658, 19.4375, 89.5307



16.3233, 17.4108, 21.0429



13.4957, 12.7851, 48.2945



1.2889, 1.3292, 4.2789

Inverse Universe

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



50.4110, 31.5444, 45.5524



50.8352, 28.7441, 41.2177



70.9613, 81.9749, 23.6400



16.8737, 16.6323, 19.0817



22.6165, 11.3900, 13.2208



2.0396, 1.0218, 1.4351

Previews

White Background



This preview shows how the XYZ color 37.5920, 41.0913, 93.1389 looks on a white background.

Color Contrast Check

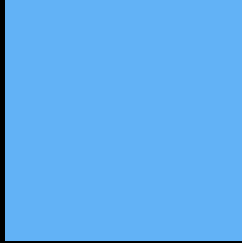
Large Text (above 18pt) WCAG AA × Fail

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 37.5920, 41.0913, 93.1389 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

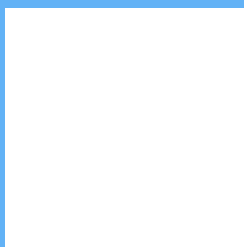
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 37.5920, 41.0913, 93.1389

Background



This preview shows how black text looks on a background with the XYZ color 37.5920, 41.0913, 93.1389.



This preview shows how white text looks on a background with the XYZ color 37.5920, 41.0913,

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

37.5920, 41.0913, 93.1389

Protanopia

41.8297, 40.5679, 86.5146

Deuteranopia

41.7787, 40.6422, 94.4497



Tritanopia

31.2434, 40.9546, 61.5167

Trichromacy



Original Color

37.5920, 41.0913, 93.1389

Protanomaly

39.8356, 40.6017, 88.9564

Deuteranomaly

39.8532, 40.5055, 93.7135

Tritanomaly

33.2042, 40.8080, 71.7723

Monochromacy



Original Color

37.5920, 41.0913, 93.1389

Achromatopsia

34.3422, 36.1307, 39.3463

Achromatomaly

34.2757, 37.3445, 55.8538

CSS Examples

Text

The CSS property to change the color of the text to XYZ 37.5920, 41.0913, 93.1389 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(98, 178, 246)` looks like.

```
.text, #text, p{  
    color:rgb(98, 178, 246)  
}
```

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(98, 178, 246) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(98, 178, 246) }
```

Border

The CSS property to change the border of an element to XYZ 37.5920, 41.0913, 93.1389 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(98, 178, 246) }
```


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

```
.border{ border-color:rgb(98, 178, 246) }
```

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

Here you see how a box with a 4 pixel `rgb(98, 178, 246)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(98, 178, 246); -webkit-box-  
shadow:4px 4px 4px 4px rgb(98, 178, 246);  
box-shadow:4px 4px 4px 4px rgb(98, 178,  
246) }
```

Background

The CSS property to change the background color of an element to XYZ 37.5920, 41.0913, 93.1389 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(98, 178, 246) }
```

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

```
.background{ background-color: rgb(98, 178,  
246) }
```

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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