

Converting Colors

XYZ(35.3822, 33.2109, 92.5412)

Have a look what the booklet for
XYZ(35.3822, 33.2109, 92.5412)
contains.

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Color

**XYZ(35.3822, 33.2109,
92.5412)**

Conversions

Conversions Part 1

Format	Color
Hex	7499F7
RGB	116, 153, 247
RGB Percent	45%, 60%, 97%
CMY	0.5451, 0.4000, 0.0314
CMYK	0.53, 0.38, 0.00, 0.03
HSL	223°, 89%, 71%
HSV	223°, 53%, 97%
XYZ	35.3822, 33.2109, 92.5412
YIQ	152.6530, -52.2260, 21.3900

Conversions

Conversions Part 2

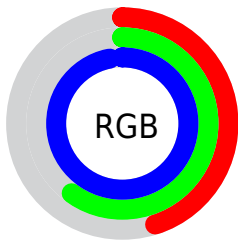
Format	Color
R_{YB}	116, 145, 247
Decimal	7641591
CIE _{Lab}	64.33, 13.43, -50.95
CIE _{LCh}	64, 52.685, 284.764
Yxy	33.2109, 0.2196, 0.2061
Android (android.graphics.Color)	4285831671 (0xFF7499F7)
YUV	152.6530, 46.5131, -32.1447
Hunter-Lab	57.6289, 8.7424, -54.8684

Details

The XYZ color **35.3822, 33.2109, 92.5412** is a light color, and the websafe version is hex **6699FF**. A complement of this color would be **64.5586, 67.1310, 26.0798**, and the grayscale version is **29.9497, 31.5094, 34.3137**.

A 20% lighter version of the original color is **58.0420, 60.9596, 103.3150**, and **15.5138, 13.9773, 50.5954** is the 20% darker color. If you saturate the color by 10%, you get **29.8361, 26.3608, 91.5120**, and if you desaturate by 10%, it is **42.2345, 41.3750, 93.7565**.

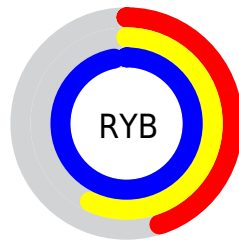
Distribution



Red (45%)

Green (60%)

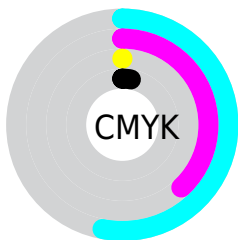
Blue (97%)



Red (45%)

Yellow (57%)

Blue (97%)

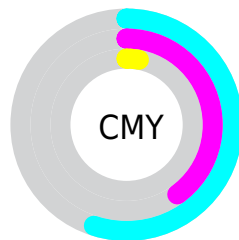


Cyan (53%)

Magenta (38%)

Yellow (0%)

Black (3%)



Cyan (55%)

Magenta (40%)

Yellow (3%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 35.3822, 33.2109, 92.5412 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 35.3822, 33.2109, 92.5412 by changing the saturation by 10% instead.

■ 35.3822, 33.2109,
92.5412

■ 35.3822, 33.2109,
92.5412

317.7307,
316.5990, 557.0451

■ 24.1253, 22.2881,
69.5047

■ 67.4076, 64.7047,
152.8295

■ 15.5519, 14.0687,
50.6485

■ 88.9068, 86.0444,
190.9183

■ 9.2964, 8.1685,
35.5542

■ 114.5508,
111.6251, 234.8616

■ 4.9937, 4.2029,
23.8031

144.7050,
141.8314, 285.0780

■ 2.2783, 1.7877,
14.9768

179.7347,
177.0475, 341.9860

■ 0.7835, 0.4795,
8.6567

220.0053,

■ 0.0000, 0.0000,

217.6579, 406.0042

4.4242

265.8822,
264.0469, 477.5510

■ 0.0000, 0.0000,
1.8608

■ 0.0000, 0.0000,
0.4676

■ 35.3822, 33.2109,
92.5412

■ 35.3822, 33.2109,
92.5412

■ 29.8361, 26.3608,
91.5120

■ 42.2345, 41.3750,
93.7565

■ 25.5024, 20.7469,
90.6568

■ 50.4700, 50.9177,
95.1644

■ 22.2805, 16.2874,
89.9658

■ 60.1638, 61.9031,
96.7739

■ 20.0487, 12.8870,
89.4271

■ 71.3847, 74.3902,
98.5928

■ 18.9637, 11.0657,
89.1328

■ 84.1966, 88.4346,
100.6283

■ 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.



27.9289, 33.2109, 92.3770



35.3822, 33.2109, 92.5412



42.8385, 33.2109, 74.0853

Triad

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



35.3822, 33.2109, 92.5412



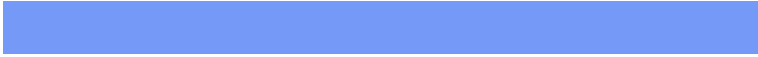
42.9413, 33.2109, 14.1909



19.6047, 33.2109, 26.3648

Complementary

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



35.3822, 33.2109, 92.5412



64.5586, 67.1310, 26.0798

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.



22.4677, 33.2109, 14.0627



35.3822, 33.2109, 92.5412



35.5058, 33.2109, 9.1709

Square

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



35.3822, 33.2109, 92.5412



47.6495, 33.2109, 26.6312



28.0345, 33.2109, 9.1358



19.5824, 33.2109, 47.7298

Rectangle

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



35.3822, 33.2109, 92.5412



46.4758, 33.2109, 56.7617



28.0345, 33.2109, 9.1358



20.2439, 33.2109, 21.2667

Sweetspot

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



35.3835, 33.2120, 92.5420



72.9610, 75.7884, 105.3909



52.0829, 74.8829, 72.6069



15.0771, 15.6223, 22.4707



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.



35.3835, 33.2120, 92.5420



31.5166, 27.6309, 98.2799



34.6043, 25.1720, 91.0312



15.9622, 16.6887, 20.9225



10.1326, 6.0590, 47.1735



0.9741, 0.6997, 4.1739

Inverse Universe

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



50.3541, 34.5665, 34.1560



49.6294, 30.7115, 27.3158



65.5126, 82.7841, 29.0509



16.6915, 16.5595, 18.1220



20.9190, 10.7110, 4.2818



1.8808, 0.9583, 0.5984

Previews

White Background



This preview shows how the XYZ color 35.3822, 33.2109, 92.5412 looks on a white background.

Color Contrast Check

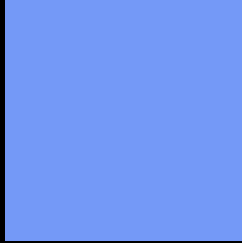
Large Text (above 18pt) WCAG AA × Fail

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 35.3822, 33.2109, 92.5412 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

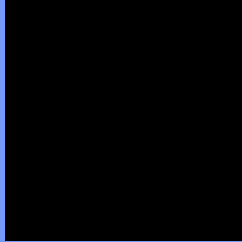
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 35.3822, 33.2109, 92.5412

Background



This preview shows how black text looks on a background with the XYZ color 35.3822, 33.2109, 92.5412.



This preview shows how white text looks on a background with the XYZ color 35.3822, 33.2109,

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

35.3822, 33.2109, 92.5412

Protanopia

35.6085, 33.1034, 91.7016

Deuteranopia

34.2319, 33.3738, 91.8264



Tritanopia

26.5711, 33.2599, 48.1994

Trichromacy



Original Color

35.3822, 33.2109, 92.5412

Protanomaly

35.4705, 33.0322, 91.6951

Deuteranomaly

34.5402, 33.2847, 91.7929

Tritanomaly

29.1862, 32.9670, 61.9517

Monochromacy



Original Color

35.3822, 33.2109, 92.5412

Achromatopsia

30.2779, 31.8547, 34.6897

Achromatomaly

31.1761, 31.9458, 51.5367

CSS Examples

Text

The CSS property to change the color of the text to XYZ 35.3822, 33.2109, 92.5412 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(116, 153, 247)` looks like.

```
.text, #text, p{  
    color:rgb(116, 153, 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(116, 153, 247) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(116, 153, 247) }
```

Border

The CSS property to change the border of an element to XYZ 35.3822, 33.2109, 92.5412 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(116, 153, 247) }
```


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

```
.border{ border-color:rgb(116, 153, 247) }
```

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

Here you see how a box with a 4 pixel rgb(116, 153, 247) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(116, 153, 247); -webkit-box-  
shadow:4px 4px 4px 4px rgb(116, 153, 247);  
box-shadow:4px 4px 4px 4px rgb(116, 153,  
247) }
```

Background

The CSS property to change the background color of an element to XYZ 35.3822, 33.2109, 92.5412 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(116, 153, 247) }
```

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

```
.background{ background-color: rgb(116,  
153, 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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