

Converting Colors

XYZ(32.5250, 31.2738, 91.5110)

Have a look what the booklet for
XYZ(32.5250, 31.2738, 91.5110)
contains.

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Color

**XYZ(32.5250, 31.2738,
91.5110)**

Conversions

Conversions Part 1

Format	Color
Hex	6097F6
RGB	96, 151, 246
RGB Percent	38%, 59%, 96%
CMY	0.6235, 0.4078, 0.0353
CMYK	0.61, 0.39, 0.00, 0.04
HSL	218°, 89%, 67%
HSV	218°, 61%, 96%
XYZ	32.5250, 31.2738, 91.5110
YIQ	145.3850, -63.2750, 17.8850

Conversions

Conversions Part 2

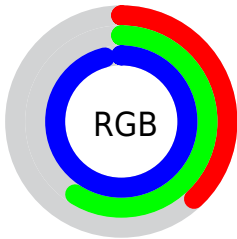
Format	Color
R _{YB}	96, 136, 246
Decimal	6330358
CIE _{Lab}	62.74, 10.34, -52.99
CIE _{LCh}	63, 53.986, 281.041
Y _{xy}	31.2738, 0.2094, 0.2014
Android (android.graphics.Color)	4284520438 (0xFF6097F6)
Y _{UV}	145.3850, 49.6032, -43.3106
Hunter-Lab	55.9230, 5.9510, -57.8746

Details

The XYZ color **32.5250, 31.2738, 91.5110** is a light color, and the websafe version is hex **6699FF**. A complement of this color would be **58.7503, 57.7023, 19.1094**, and the grayscale version is **26.8944, 28.2950, 30.8132**.

A 20% lighter version of the original color is **53.7859, 58.0507, 102.9778**, and **13.9266, 13.0267, 49.9245** is the 20% darker color. If you saturate the color by 10%, you get **27.9860, 25.4546, 90.6277**, and if you desaturate by 10%, it is **38.2073, 38.1752, 92.5443**.

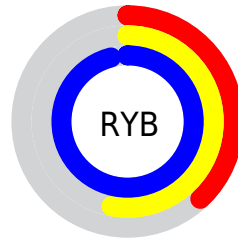
Distribution



Red (38%)

Green (59%)

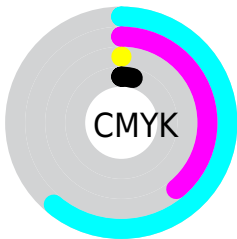
Blue (96%)



Red (38%)

Yellow (53%)

Blue (96%)

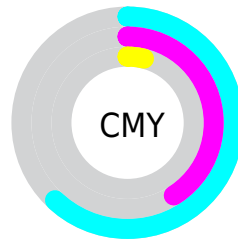


Cyan (61%)

Magenta (39%)

Yellow (0%)

Black (4%)



Cyan (62%)

Magenta (41%)

Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 32.5250, 31.2738, 91.5110 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 32.5250, 31.2738, 91.5110 by changing the saturation by 10% instead.

■ 32.5250, 31.2738,
91.5110

■ 32.5250, 31.2738,
91.5110

305.2069,
307.7977, 553.6303

■ 21.9203, 20.8074,
68.6538

■ 62.9929, 61.6709,
151.3893

■ 13.9146, 12.9833,
49.9598

■ 83.5868, 82.3704,
189.2474

■ 8.1426, 7.4171,
35.0105

■ 108.2411,
107.2497, 232.9429

■ 4.2389, 3.7243,
23.3873

■ 137.3212,
136.6933, 282.8944

■ 1.8382, 1.5205,
14.6718

171.1925,
171.0855, 339.5203

■ 0.5405, 0.3031,
8.4453

210.2203,

■ 0.0000, 0.0000,

210.8107, 403.2393

4.2894

254.7700,
256.2533, 474.4698

■ 0.0000, 0.0000,
1.7854

■ 0.0000, 0.0000,
0.4183

■ 32.5250, 31.2738,
91.5110

■ 32.5250, 31.2738,
91.5110

■ 27.9860, 25.4546,
90.6277

■ 38.2073, 38.1752,
92.5443

■ 24.4954, 20.6482,
89.8839

■ 45.1097, 46.2152,
93.7324

■ 21.9467, 16.7798,
89.2716

■ 53.3063, 55.4496,
95.0828

■ 20.3073, 13.9990,
88.8212

■ 62.8636, 65.9290,
96.6018

■ 73.8436, 77.7012,
98.2953

■ 86.3041, 90.8109,
100.1690

■ 93.6347, 99.4339,
101.4470

Harmonies

Analogous

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



25.3504, 31.2738, 88.7334



32.5250, 31.2738, 91.5110



40.0452, 31.2738, 74.8009

Triad

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



32.5250, 31.2738, 91.5110



41.7584, 31.2738, 13.7366



18.2265, 31.2738, 22.4853

Complementary

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



32.5250, 31.2738, 91.5110



58.7503, 57.7023, 19.1094

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.



21.3500, 31.2738, 11.6830



32.5250, 31.2738, 91.5110



34.5755, 31.2738, 8.2698

Square

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



32.5250, 31.2738, 91.5110



45.9337, 31.2738, 26.8492



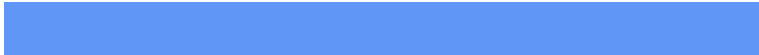
27.0901, 31.2738, 7.7174



17.8631, 31.2738, 42.4395

Rectangle

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



32.5250, 31.2738, 91.5110



43.9435, 31.2738, 57.7515



27.0901, 31.2738, 7.7174



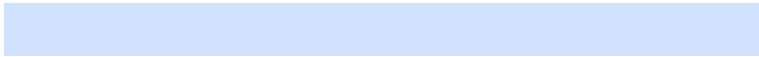
18.9608, 31.2738, 17.9266

Sweetspot

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



32.5262, 31.2748, 91.5118



71.5498, 75.1440, 105.3409



47.1851, 72.1610, 60.7337



14.6056, 15.3181, 22.4368



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.



32.5262, 31.2748, 91.5118



29.4536, 26.3997, 98.1510



28.0216, 18.7345, 89.3287



16.0787, 16.9216, 20.9613



10.9612, 7.7162, 47.4497



1.0579, 0.8672, 4.2019

Inverse Universe

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



47.7760, 30.1946, 32.5889



47.8815, 27.3068, 26.4519



66.4323, 82.9258, 23.5731



16.7503, 16.5830, 18.4316



21.3372, 10.8783, 6.4841



1.9230, 0.9752, 0.8211

Previews

White Background



This preview shows how the XYZ color 32.5250, 31.2738, 91.5110 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 32.5250, 31.2738, 91.5110 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

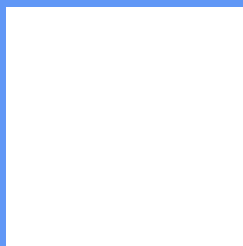
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 32.5250, 31.2738, 91.5110

Background



This preview shows how black text looks on a background with the XYZ color 32.5250, 31.2738, 91.5110.



This preview shows how white text looks on a background with the XYZ color 32.5250, 31.2738,

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

32.5250, 31.2738, 91.5110

Protanopia

33.7070, 31.2283, 89.0451

Deuteranopia

32.3770, 31.4374, 91.5504



Tritanopia

23.7062, 31.2549, 47.4312

Trichromacy



Original Color

32.5250, 31.2738, 91.5110

Protanomaly

33.1400, 31.1523, 89.8543

Deuteranomaly

32.4789, 31.4900, 91.5551

Tritanomaly

26.3308, 30.9899, 61.0938

Monochromacy



Original Color

32.5250, 31.2738, 91.5110

Achromatopsia

26.9133, 28.3149, 30.8349

Achromatomaly

27.6296, 28.7569, 48.3504

CSS Examples

Text

The CSS property to change the color of the text to XYZ 32.5250, 31.2738, 91.5110 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(96, 151, 246)` looks like.

```
.text, #text, p{  
    color:rgb(96, 151, 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(96, 151, 246) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(96, 151, 246) }
```

Border

The CSS property to change the border of an element to XYZ 32.5250, 31.2738, 91.5110 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(96, 151, 246) }
```


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

```
.border{ border-color:rgb(96, 151, 246) }
```

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

Here you see how a box with a 4 pixel `rgb(96, 151, 246)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(96, 151, 246); -webkit-box-  
shadow:4px 4px 4px 4px rgb(96, 151, 246);  
box-shadow:4px 4px 4px 4px rgb(96, 151,  
246) }
```

Background

The CSS property to change the background color of an element to XYZ 32.5250, 31.2738, 91.5110 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(96, 151, 246) }
```

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

```
.background{ background-color: rgb(96, 151,  
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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