

Converting Colors

XYZ(32.2307, 26.7312, 94.7819)

Have a look what the booklet for
XYZ(32.2307, 26.7312, 94.7819)
contains.

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Color

**XYZ(32.2110, 26.6424,
94.7116)**

Conversions

Conversions Part 1

Format	Color
Hex	7083FB
RGB	112, 131, 251
RGB Percent	44%, 51%, 98%
CMY	0.5608, 0.4863, 0.0157
CMYK	0.55, 0.48, 0.00, 0.02
HSL	232°, 95%, 71%
HSV	232°, 55%, 98%
XYZ	32.2110, 26.6424, 94.7116
YIQ	138.9990, -49.8440, 33.2920

Conversions

Conversions Part 2

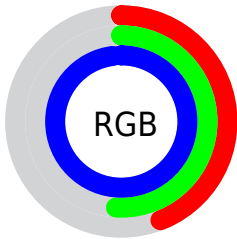
Format	Color
R _Y B	112, 129, 251
Decimal	7373819
CIE Lab	58.64, 26.87, -62.22
CIE LCh	59, 67.776, 293.353
Yxy	26.6424, 0.2098, 0.1735
Android (android.graphics.Color)	4285563899 (0xFF7083FB)
YUV	138.9990, 55.2165, -23.6781
Hunter-Lab	51.6163, 21.0640, -72.6609

Details

The XYZ color **32.2110, 26.6424, 94.7116** is a light color, and the websafe version is hex **6666CC**. A complement of this color would be **71.5673, 79.3961, 26.8842**, and the grayscale version is **24.3494, 25.6175, 27.8974**.

A 20% lighter version of the original color is **52.2037, 50.2716, 101.5597**, and **13.7936, 10.4651, 52.3319** is the 20% darker color. If you saturate the color by 10%, you get **26.8385, 19.9950, 93.7123**, and if you desaturate by 10%, it is **39.0843, 34.9675, 95.9568**.

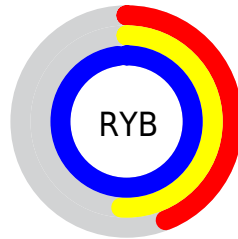
Distribution



Red (44%)

Green (51%)

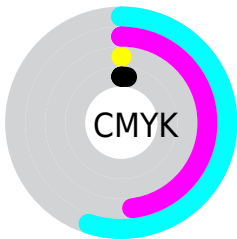
Blue (98%)



Red (44%)

Yellow (51%)

Blue (98%)

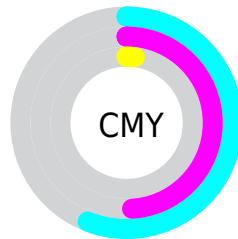


Cyan (55%)

Magenta (48%)

Yellow (0%)

Black (2%)



Cyan (56%)

Magenta (49%)

Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 32.2110, 26.6424, 94.7116 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 32.2110, 26.6424, 94.7116 by changing the saturation by 10% instead.

■ 32.2110, 26.6424,
94.7116

■ 32.2110, 26.6424,
94.7116

303.8075,
285.9215, 564.2020

■ 21.6790, 17.3048,
71.2994

■ 62.5047, 54.3095,
155.8583

■ 13.7365, 10.4521,
52.1032

■ 82.9971, 73.4078,
194.4298

■ 8.0181, 5.6997,
36.7046

■ 107.5404, 96.5285,
238.8915

■ 4.1585, 2.6634,
24.6848

136.5000,
124.0560, 289.6620

■ 1.7922, 0.9586,
15.6255

170.2411,
156.3746, 347.1597

■ 0.5129, 0.0000,
9.1081

209.1292,

■ 0.0000, 0.0000,

193.8688, 411.8033

4.7140

253.5295,
236.9230, 484.0112

■ 0.0000, 0.0000,
2.0247

■ 0.0000, 0.0000,
0.5704

■ 32.2110, 26.6424,
94.7116

■ 32.2110, 26.6424,
94.7116

■ 26.8385, 19.9950,
93.7123

■ 39.0843, 34.9675,
95.9568

■ 22.8492, 14.9070,
92.9404

■ 47.5572, 45.0723,
97.4607

■ 20.1129, 11.2484,
92.3785

■ 57.7239, 57.0536,
99.2375

■ 18.4716, 8.8658,
92.0051

■ 69.6704, 71.0004,
101.2998

■ 17.9934, 8.1264,
91.8876

■ 83.4768, 86.9959,
103.6596

■ 94.4127, 99.7451,
105.5440

Harmonies

Analogous

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



23.5152, 26.6424, 102.5010



32.2110, 26.6424, 94.7116



40.4554, 26.6424, 65.8667

Triad

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



32.2110, 26.6424, 94.7116



36.1265, 26.6424, 5.5858



12.5210, 26.6424, 24.0206

Complementary

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



32.2110, 26.6424, 94.7116



71.5673, 79.3961, 26.8842

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.



14.5307, 26.6424, 9.3507



32.2110, 26.6424, 94.7116



27.2208, 26.6424, 3.1462

Square

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



32.2110, 26.6424, 94.7116



43.0401, 26.6424, 14.3699



19.4941, 26.6424, 3.9969



13.2887, 26.6424, 51.2337

Rectangle

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



32.2110, 26.6424, 94.7116



43.9584, 26.6424, 44.2196



19.4941, 26.6424, 3.9969



12.8764, 26.6424, 17.7604

Sweetspot

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



32.2122, 26.6432, 94.7123



70.0617, 71.0873, 104.6363



55.4846, 78.1617, 87.1370



14.4440, 14.5723, 22.3014



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.



32.2122, 26.6432, 94.7123



27.4961, 20.3189, 97.0805



37.8361, 26.0962, 94.3103



16.4743, 17.0254, 21.8032



9.5175, 4.3905, 48.3194



0.9385, 0.5206, 4.4942

Inverse Universe

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



49.6757, 33.7380, 25.3671



47.4221, 29.1472, 17.7927



61.8751, 82.7707, 28.0464



17.3412, 17.2638, 18.3864



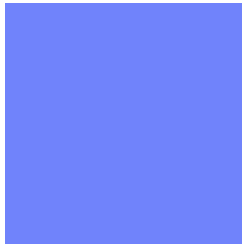
21.0960, 10.8541, 1.9480



1.9826, 1.0168, 0.3319

Previews

White Background



This preview shows how the XYZ color 32.2110, 26.6424, 94.7116 looks on a white background.

Color Contrast Check

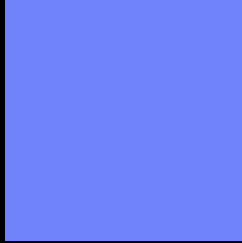
Large Text (above 18pt) WCAG AA ✓ Pass

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 32.2110, 26.6424, 94.7116 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

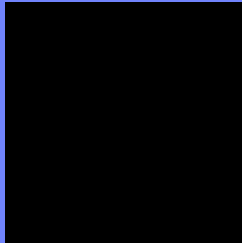
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 32.2110, 26.6424, 94.7116

Background



This preview shows how black text looks on a background with the XYZ color 32.2110, 26.6424, 94.7116.



This preview shows how white text looks on a background with the XYZ color 32.2110, 26.6424,

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

32.2110, 26.6424, 94.7116

Protanopia

30.4753, 26.9052, 98.1947

Deuteranopia

27.8044, 26.9577, 92.5448



Tritanopia

21.0757, 26.5190, 39.1298

Trichromacy



Original Color

32.2110, 26.6424, 94.7116

Protanomaly

31.0676, 26.8109, 97.3035

Deuteranomaly

28.7857, 26.5700, 93.2339

Tritanomaly

24.3507, 26.2074, 55.9997

Monochromacy



Original Color

32.2110, 26.6424, 94.7116

Achromatopsia

24.5403, 25.8183, 28.1161

Achromatomaly

26.0956, 25.5707, 46.7403

CSS Examples

Text

The CSS property to change the color of the text to XYZ 32.2110, 26.6424, 94.7116 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(112, 131, 251)` looks like.

```
.text, #text, p{  
    color:rgb(112, 131, 251)  
}
```

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(112, 131, 251) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(112, 131, 251) }
```

Border

The CSS property to change the border of an element to XYZ 32.2110, 26.6424, 94.7116 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(112, 131, 251) }
```


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

```
.border{ border-color:rgb(112, 131, 251) }
```

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

Here you see how a box with a 4 pixel `rgb(112, 131, 251)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(112, 131, 251); -webkit-box-  
shadow:4px 4px 4px 4px rgb(112, 131, 251);  
box-shadow:4px 4px 4px 4px rgb(112, 131,  
251) }
```

Background

The CSS property to change the background color of an element to XYZ 32.2110, 26.6424, 94.7116 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(112, 131, 251) }
```

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

```
.background{ background-color: rgb(112,  
131, 251) }
```

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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