

Converting Colors

XYZ(31.3253, 24.7417, 90.3134)

Have a look what the booklet for
XYZ(31.3253, 24.7417, 90.3134)
contains.

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Color

**XYZ(31.3253, 24.7417,
90.3134)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | 777BF6 |
| RGB | 119, 123, 246 |
| RGB Percent | 47%, 48%, 96% |
| CMY | 0.5333, 0.5176, 0.0353 |
| CMYK | 0.52, 0.50, 0.00, 0.04 |
| HSL | 238°, 88%, 72% |
| HSV | 238°, 52%, 96% |
| XYZ | 31.3253, 24.7417, 90.3134 |
| YIQ | 135.8260, -41.8670, 37.4050 |

Conversions

Conversions Part 2

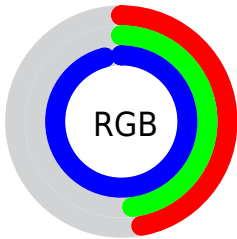
| Format | Color |
|-------------------------------------|--------------------------------|
| R _Y B | 119, 123, 246 |
| Decimal | 7830518 |
| CIE Lab | 56.82, 31.48, -62.36 |
| CIE LCh | 57, 69.854, 296.787 |
| Yxy | 24.7417, 0.2140, 0.1690 |
| Android (android.graphics.Color) | 4286020598 (0xFF777BF6) |
| YUV | 135.8260, 54.3158, -14.7564 |
| Hunter-Lab | 49.7410, 25.3668, -72.8325 |

Details

The XYZ color **31.3253, 24.7417, 90.3134** is a light color, and the websafe version is hex **6666CC**. A complement of this color would be **73.0902, 84.4326, 29.8996**, and the grayscale version is **23.1524, 24.3581, 26.5260**.

A 20% lighter version of the original color is **51.7401, 47.3449, 101.0192**, and **13.2096, 9.3839, 49.2592** is the 20% darker color. If you saturate the color by 10%, you get **25.7710, 18.0120, 89.3077**, and if you desaturate by 10%, it is **38.4745, 33.3616, 91.6009**.

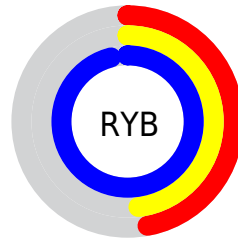
Distribution



Red (47%)

Green (48%)

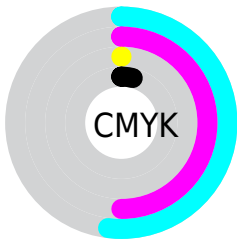
Blue (96%)



Red (47%)

Yellow (48%)

Blue (96%)

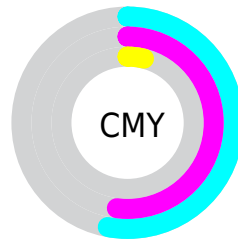


Cyan (52%)

Magenta (50%)

Yellow (0%)

Black (4%)



Cyan (53%)

Magenta (52%)

Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 31.3253, 24.7417, 90.3134 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 31.3253, 24.7417, 90.3134 by changing the saturation by 10% instead.

■ 31.3253, 24.7417,
90.3134

■ 31.3253, 24.7417,
90.3134

299.8344,
276.5491, 549.6462

■ 20.9997, 15.8847,
67.6654

■ 61.1242, 51.2379,
149.7130

■ 13.2363, 9.4426,
49.1606

■ 81.3283, 69.6459,
187.3016

■ 7.6696, 5.0310,
34.3804

■ 105.5559, 92.0063,
230.7076

■ 3.9343, 2.2655,
22.9063

134.1724,
118.7036, 280.3495

■ 1.6650, 0.7553,
14.3197

167.5431,
150.1221, 336.6457

■ 0.4342, 0.0000,
8.2020

206.0335,

■ 0.0000, 0.0000,

186.6463, 400.0149

4.1349

250.0088,
228.6605, 470.8755

■ 0.0000, 0.0000,
1.6996

■ 0.0000, 0.0000,
0.3605

■ 31.3253, 24.7417,
90.3134

■ 31.3253, 24.7417,
90.3134

■ 25.7710, 18.0120,
89.3077

■ 38.4745, 33.3616,
91.6009

■ 21.6863, 13.0284,
88.5611

■ 47.3247, 43.9965,
93.1872

■ 18.9327, 9.6300,
88.0503

■ 57.9764, 56.7634,
95.0901

■ 17.3437, 7.6252,
87.7470

■ 70.5218, 71.7696,
97.3254

■ 16.7187, 6.8219,
87.6249

■ 85.0464, 89.1153,
99.9079

■ 93.6347, 99.4339,
101.4469

Harmonies

Analogous

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



22.6473, 24.7417, 101.3875



31.3253, 24.7417, 90.3134



39.2490, 24.7417, 59.8365

Triad

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



31.3253, 24.7417, 90.3134



33.2069, 24.7417, 4.1144



11.0658, 24.7417, 24.4972

Complementary

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



31.3253, 24.7417, 90.3134



73.0902, 84.4326, 29.8996

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.



12.6748, 24.7417, 9.0536



31.3253, 24.7417, 90.3134



24.4072, 24.7417, 2.3662

Square

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



31.3253, 24.7417, 90.3134



40.5002, 24.7417, 11.3316



17.1265, 24.7417, 3.4355



12.1009, 24.7417, 52.7094

Rectangle

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



31.3253, 24.7417, 90.3134



42.3513, 24.7417, 38.5792



17.1265, 24.7417, 3.4355



11.3040, 24.7417, 17.9137

Sweetspot

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



31.3264, 24.7425, 90.3140



71.6503, 72.0520, 104.7388



56.5567, 76.2312, 95.5547



14.7157, 14.6801, 22.3079



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.



31.3264, 24.7425, 90.3140



27.7081, 19.2338, 96.8599



41.6544, 29.3460, 90.6582



15.6230, 16.0102, 20.8094



8.9424, 3.6787, 46.7768



0.8004, 0.3522, 4.1160

Inverse Universe

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



48.1791, 34.2182, 22.8048



47.8975, 30.7477, 15.9480



56.7153, 77.7756, 29.4777



16.5203, 16.4910, 17.2203



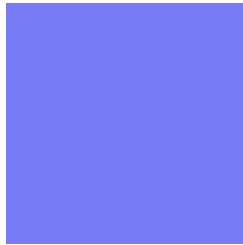
20.3182, 10.4707, 1.1183



1.7931, 0.9232, 0.1367

Previews

White Background



This preview shows how the XYZ color 31.3253, 24.7417, 90.3134 looks on a white background.

Color Contrast Check

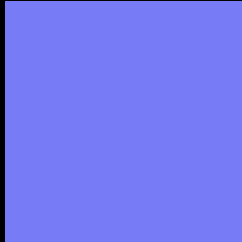
Large Text (above 18pt) WCAG AA ✓ Pass

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 31.3253, 24.7417, 90.3134 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 31.3253, 24.7417, 90.3134

Background



This preview shows how black text looks on a background with the XYZ color 31.3253, 24.7417, 90.3134.



This preview shows how white text looks on a background with the XYZ color 31.3253, 24.7417,

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

31.3253, 24.7417, 90.3134

Protanopia

28.8271, 25.0246, 97.9186

Deuteranopia

25.7427, 24.9111, 87.4559



Tritanopia

20.3426, 24.8248, 35.1720

Trichromacy



Original Color

31.3253, 24.7417, 90.3134

Protanomaly

29.4454, 24.8035, 95.3311

Deuteranomaly

26.6795, 24.3361, 88.0852

Tritanomaly

23.4978, 24.3321, 51.6022

Monochromacy



Original Color

31.3253, 24.7417, 90.3134

Achromatopsia

23.4014, 24.6201, 26.8113

Achromatomaly

25.1587, 24.1130, 44.4026

CSS Examples

Text

The CSS property to change the color of the text to XYZ 31.3253, 24.7417, 90.3134 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(119, 123, 246)` looks like.

```
.text, #text, p{  
    color:rgb(119, 123, 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(119, 123, 246) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(119, 123, 246) }
```

Border

The CSS property to change the border of an element to XYZ 31.3253, 24.7417, 90.3134 is called "border". The border property can be set on classes, ids or directly on the HTML element.

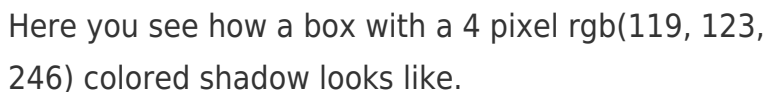
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(119, 123, 246) }
```


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

```
.border{ border-color:rgb(119, 123, 246) }
```

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



Here you see how a box with a 4 pixel `rgb(119, 123, 246)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(119, 123, 246); -webkit-box-shadow:4px 4px 4px 4px rgb(119, 123, 246); box-shadow:4px 4px 4px 4px rgb(119, 123, 246) }
```

Background

The CSS property to change the background color of an element to XYZ 31.3253, 24.7417, 90.3134 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(119, 123, 246) }
```

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

```
.background{ background-color: rgb(119,  
123, 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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