

Converting Colors

XYZ(39.4424, 28.3231,
137.2796)

Have a look what the booklet for
XYZ(39.4424, 28.3231, 137.2796)
contains.

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Color

**XYZ(31.9392, 25.2667,
97.8013)**

Conversions

Conversions Part 1

Format	Color
Hex	6F7DFF
RGB	111, 125, 255
RGB Percent	44%, 49%, 100%
CMY	0.5647, 0.5098, 0.0000
CMYK	0.56, 0.51, 0.00, 0.00
HSL	234°, 100%, 72%
HSV	234°, 56%, 100%
XYZ	31.9392, 25.2667, 97.8013
YIQ	135.6340, -50.0740, 37.4620

Conversions

Conversions Part 2

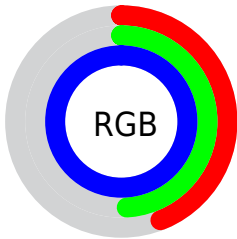
Format	Color
RYB	111, 124, 255
Decimal	7306751
CIELab	57.33, 31.52, -66.53
CIElCh	57, 73.620, 295.349
Yxy	25.2667, 0.2060, 0.1630
Android (android.graphics.Color)	4285496831 (0xFF6F7DFF)
YUV	135.6340, 58.8474, -21.6040
Hunter-Lab	50.2660, 25.4541, -80.1729

Details

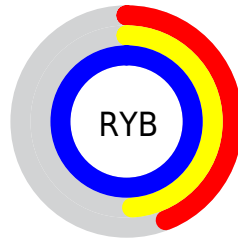
The XYZ color **31.9392, 25.2667, 97.8013** is a light color, and the websafe version is hex **6666FF**. A complement of this color would be **75.5671, 85.3227, 27.5273**, and the grayscale version is **23.0670, 24.2682, 26.4281**.

A 20% lighter version of the original color is **50.7854, 47.4349, 101.0869**, and **13.4992, 9.6314, 53.9709** is the 20% darker color. If you saturate the color by 10%, you get **26.5919, 18.6737, 96.8106**, and if you desaturate by 10%, it is **38.8795, 33.6838, 99.0602**.

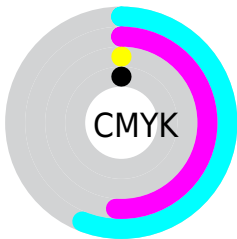
Distribution



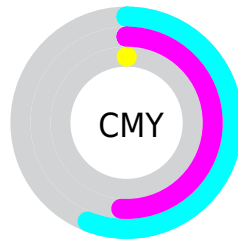
- Red (44%)
- Green (49%)
- Blue (100%)



- Red (44%)
- Yellow (49%)
- Blue (100%)



- Cyan (56%)
- Magenta (51%)
- Yellow (0%)
- Black (0%)



- Cyan (56%)
- Magenta (51%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 31.9392, 25.2667, 97.8013 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 31.9392, 25.2667, 97.8013 by changing the saturation by 10% instead.

■ 31.9392, 25.2667,
97.8013

■ 31.9392, 25.2667,
97.8013

302.5924,
279.1635, 574.3065

■ 21.4704, 16.2759,
73.8590

■ 62.0816, 52.0896,
160.1578

■ 13.5827, 9.7196,
54.1825

■ 82.4859, 70.6904,
199.4090

■ 7.9107, 5.2134,
38.3534

■ 106.9327, 93.2633,
244.6003

■ 4.0892, 2.3730,
25.9532

135.7875,
120.1927, 296.1502

■ 1.7527, 0.8120,
16.5632

169.4154,
151.8631, 354.4773

■ 0.4889, 0.0000,
9.7649

208.1820,

■ 0.0000, 0.0000,

188.6588, 420.0000

5.1398

252.4526,
230.9641, 493.1369

■ 0.0000, 0.0000,
2.2693

■ 0.0000, 0.0000,
0.7140

■ 31.9392, 25.2667,
97.8013

■ 31.9392, 25.2667,
97.8013

■ 26.5919, 18.6737,
96.8106

■ 38.8795, 33.6838,
99.0602

■ 22.7068, 13.7666,
96.0682

■ 47.5232, 44.0449,
100.6045

■ 20.1376, 10.3908,
95.5520

■ 57.9746, 56.4622,
102.4504

■ 18.7042, 8.3610,
95.2358

■ 70.3285, 71.0387,
104.6129

■ 18.3930, 7.9059,
95.1643

■ 84.6733, 87.8704,
107.1057

95.0500, 100.0000,
108.9000

Harmonies

Analogous

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



22.6800, 25.2667, 108.5835



31.9392, 25.2667, 97.8013



40.6323, 25.2667, 64.8792

Triad

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



31.9392, 25.2667, 97.8013



34.8751, 25.2667, 3.8910



10.8727, 25.2667, 23.7952

Complementary

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



31.9392, 25.2667, 97.8013



75.5671, 85.3227, 27.5273

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.



12.6875, 25.2667, 8.2350



31.9392, 25.2667, 97.8013



25.4018, 25.2667, 2.0332

Square

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



31.9392, 25.2667, 97.8013



42.5952, 25.2667, 11.6397



17.5239, 25.2667, 2.9261



11.8188, 25.2667, 53.6400

Rectangle

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



31.9392, 25.2667, 97.8013



44.1822, 25.2667, 41.5444



17.5239, 25.2667, 2.9261



11.1644, 25.2667, 17.0582

Sweetspot

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



31.9402, 25.2674, 97.8014



69.6213, 70.2065, 104.4895



58.1341, 81.2271, 95.5212



14.3415, 14.3673, 22.2672



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.



31.9402, 25.2674, 97.8014



25.9050, 17.8159, 96.6812



40.0128, 26.9819, 97.7069



17.1450, 17.6615, 22.7553



9.6574, 4.2244, 49.7410



0.9856, 0.5018, 4.8582

Inverse Universe

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



50.6270, 34.1113, 23.3181



46.4532, 28.1248, 14.6474



61.7613, 84.5927, 28.1140



18.0811, 18.0157, 19.0441



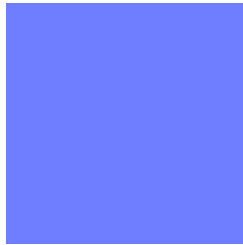
21.6628, 11.1544, 1.6090



2.1321, 1.0952, 0.2769

Previews

White Background



This preview shows how the XYZ color 31.9392, 25.2667, 97.8013 looks on a white background.

Color Contrast Check

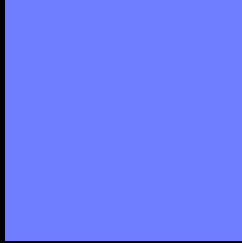
Large Text (above 18pt) WCAG AA ✓ Pass

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 31.9392, 25.2667, 97.8013 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 31.9392, 25.2667, 97.8013

Background



This preview shows how black text looks on a background with the XYZ color 31.9392, 25.2667, 97.8013.



This preview shows how white text looks on a background with the XYZ color 31.9392, 25.2667,

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

31.9392, 25.2667, 97.8013

Protanopia

29.1852, 25.4115, 97.9744

Deuteranopia

26.1666, 25.4716, 91.5331



Tritanopia

19.7591, 25.1737, 37.0753

Trichromacy



Original Color

31.9392, 25.2667, 97.8013

Protanomaly

29.9631, 25.2115, 97.8948

Deuteranomaly

26.7944, 24.6812, 93.7942

Tritanomaly

23.1589, 24.7225, 55.1811

Monochromacy



Original Color

31.9392, 25.2667, 97.8013

Achromatopsia

23.4014, 24.6201, 26.8113

Achromatomaly

25.1403, 24.2692, 46.0072

CSS Examples

Text

The CSS property to change the color of the text to XYZ 31.9392, 25.2667, 97.8013 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(111, 125, 255)` looks like.

```
.text, #text, p{  
    color:rgb(111, 125, 255)  
}
```

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(111, 125, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(111, 125, 255) }
```

Border

The CSS property to change the border of an element to XYZ 31.9392, 25.2667, 97.8013 is called "border". The border property can be set on classes, ids or directly on the HTML element.

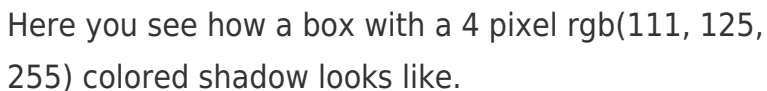
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(111, 125, 255) }
```


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

```
.border{ border-color:rgb(111, 125, 255) }
```

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



Here you see how a box with a 4 pixel `rgb(111, 125, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(111, 125, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(111, 125, 255);  
box-shadow:4px 4px 4px 4px rgb(111, 125,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 31.9392, 25.2667, 97.8013 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(111, 125, 255) }
```

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

```
.background{ background-color: rgb(111,  
125, 255) }
```

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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