

Converting Colors

XYZ(31.4092, 22.6190, 93.9772)

Have a look what the booklet for
XYZ(31.4092, 22.6190, 93.9772)
contains.

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Color

**XYZ(31.4092, 22.6190,
93.9772)**

Conversions

Conversions Part 1

Format	Color
Hex	7C6FFB
RGB	124, 111, 251
RGB Percent	49%, 44%, 98%
CMY	0.5137, 0.5647, 0.0157
CMYK	0.51, 0.56, 0.00, 0.02
HSL	246°, 95%, 71%
HSV	246°, 56%, 98%
XYZ	31.4092, 22.6190, 93.9772
YIQ	130.8470, -37.1920, 46.2960

Conversions

Conversions Part 2

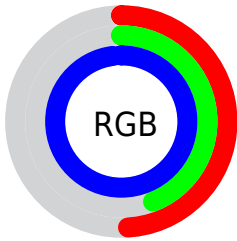
Format	Color
RYB	124, 111, 251
Decimal	8155131
CIELab	54.68, 41.04, -68.56
CIELCh	55, 79.906, 300.901
Yxy	22.6190, 0.2122, 0.1528
Android (android.graphics.Color)	4286345211 (0xFF7C6FFB)
YUV	130.8470, 59.2354, -6.0048
Hunter-Lab	47.5594, 34.6559, -83.8651

Details

The XYZ color **31.4092, 22.6190, 93.9772** is a light color, and the websafe version is hex **6666FF**. A complement of this color would be **72.6251, 88.3188, 28.2587**, and the grayscale version is **21.3249, 22.4355, 24.4322**.

A 20% lighter version of the original color is **50.9144, 43.6047, 100.3408**, and **13.2666, 8.3659, 51.3676** is the 20% darker color. If you saturate the color by 10%, you get **26.1260, 16.3853, 93.0529**, and if you desaturate by 10%, it is **38.2233, 30.7841, 95.1946**.

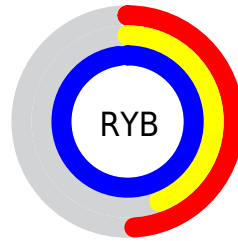
Distribution



Red (49%)

Green (44%)

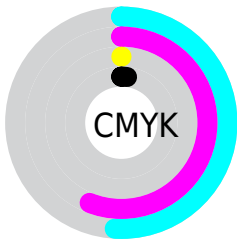
Blue (98%)



Red (49%)

Yellow (44%)

Blue (98%)

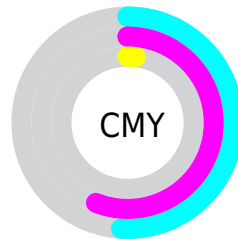


Cyan (51%)

Magenta (56%)

Yellow (0%)

Black (2%)



Cyan (51%)


Magenta (56%)

Yellow (2%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 31.4092, 22.6190, 93.9772 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 31.4092, 22.6190, 93.9772 by changing the saturation by 10% instead.

 31.4092, 22.6190,
93.9772

 31.4092, 22.6190,
93.9772


300.2124,
265.7620, 561.7859

 21.0640, 14.3124,
70.6918


 61.2552, 47.7670,
154.8342


 13.2835, 8.3383,
51.6104


 81.4867, 65.3772,
193.2429

 7.7024, 4.3122,
36.3146

 105.7444, 86.8573,
237.5298

 3.9553, 1.8497,
24.3856

 134.3936,
112.5919, 288.1134

 1.6769, 0.5179,
15.4051

167.7996,
142.9653, 345.4123

 0.4417, 0.0000,
8.9544

206.3279,

 0.0000, 0.0000,

178.3618, 409.8449

4.6150

250.3437,
219.1659, 481.8300

■ 0.0000, 0.0000,
1.9685

■ 0.0000, 0.0000,
0.5358

■ 31.4092, 22.6190,
93.9772

■ 31.4092, 22.6190,
93.9772

■ 26.1260, 16.3853,
93.0529

■ 38.2233, 30.7841,
95.1946

■ 22.2513, 11.9209,
92.3955

■ 46.6716, 41.0204,
96.7251

■ 19.6487, 9.0409,
91.9767

■ 56.8522, 53.4571,
98.5891

■ 18.1528, 7.5176,
91.7615

■ 68.8545, 68.2124,
100.8045

■ 17.7733, 7.1510,
91.7108

■ 82.7616, 85.3959,
103.3883

■ 94.4127, 99.7451,
105.5439

Harmonies

Analogous

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



21.7658, 22.6190, 111.7736



31.4092, 22.6190, 93.9772



39.9268, 22.6190, 56.5022

Triad

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



31.4092, 22.6190, 93.9772



30.8197, 22.6190, 1.9179



8.6322, 22.6190, 25.3979

Complementary

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



31.4092, 22.6190, 93.9772



72.6251, 88.3188, 28.2587

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.



9.8460, 22.6190, 7.7817



31.4092, 22.6190, 93.9772



21.2338, 22.6190, 1.0056

Square

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



31.4092, 22.6190, 93.9772



39.5263, 22.6190, 7.1855



13.9287, 22.6190, 2.0602



10.0049, 22.6190, 58.8285

Rectangle

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



31.4092, 22.6190, 93.9772



42.9023, 22.6190, 33.1120



13.9287, 22.6190, 2.0602



8.7474, 22.6190, 17.7335

Sweetspot

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



31.4103, 22.6197, 93.9778



69.7296, 68.6819, 104.1895



54.9327, 72.2734, 102.3221



14.3666, 14.0133, 22.1976



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.



31.4103, 22.6197, 93.9778



26.4898, 16.2945, 96.3567



45.0049, 29.6280, 94.6140



16.4325, 16.7201, 21.7465



9.3935, 3.7852, 48.2091



0.9189, 0.3758, 4.4673

Inverse Universe

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



60.9004, 38.0512, 85.0204



60.0211, 33.8636, 85.1345



53.8006, 78.6145, 27.3777



17.9194, 17.4951, 21.4314



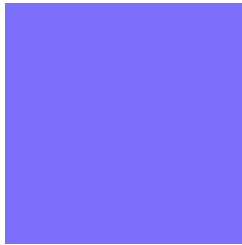
28.2789, 13.7273, 39.7729



2.6388, 1.2793, 3.7873

Previews

White Background



This preview shows how the XYZ color 31.4092, 22.6190, 93.9772 looks on a white background.

Color Contrast Check

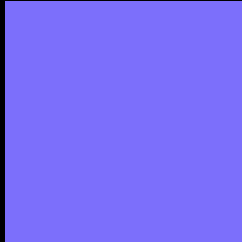
Large Text (above 18pt) WCAG AA ✓ Pass

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 31.4092, 22.6190, 93.9772 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

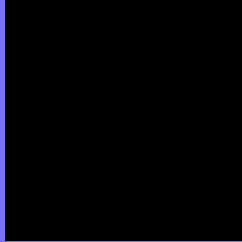
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 31.4092, 22.6190, 93.9772

Background



This preview shows how black text looks on a background with the XYZ color 31.4092, 22.6190, 93.9772.

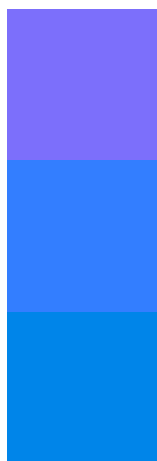


This preview shows how white text looks on a background with the XYZ color 31.4092, 22.6190,

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

31.4092, 22.6190, 93.9772

Protanopia

26.8761, 22.8455, 97.6008

Deuteranopia

23.0955, 22.6582, 80.2470



Tritanopia

18.9269, 22.6222, 31.8027

Trichromacy



Original Color

31.4092, 22.6190, 93.9772

Protanomaly

27.8687, 22.4502, 96.6304

Deuteranomaly

24.1440, 21.5164, 85.3186

Tritanomaly

22.2910, 21.9266, 49.5118

Monochromacy



Original Color

31.4092, 22.6190, 93.9772

Achromatopsia

21.5731, 22.6966, 24.7166

Achromatomaly

23.8476, 22.0996, 43.5662

CSS Examples

Text

The CSS property to change the color of the text to XYZ 31.4092, 22.6190, 93.9772 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(124, 111, 251)` looks like.

```
.text, #text, p{  
    color:rgb(124, 111, 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(124, 111, 251) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(124, 111, 251) }
```

Border

The CSS property to change the border of an element to XYZ 31.4092, 22.6190, 93.9772 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(124, 111, 251) }
```


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

```
.border{ border-color:rgb(124, 111, 251) }
```

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

Here you see how a box with a 4 pixel `rgb(124, 111, 251)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(124, 111, 251); -webkit-box-shadow:4px 4px 4px 4px rgb(124, 111, 251); box-shadow:4px 4px 4px 4px rgb(124, 111, 251) }
```

Background

The CSS property to change the background color of an element to XYZ 31.4092, 22.6190, 93.9772 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(124, 111, 251) }
```

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

```
.background{ background-color: rgb(124,  
111, 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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