

Converting Colors

XYZ(29.5760, 22.1366, 97.3217)

Have a look what the booklet for
XYZ(29.5760, 22.1366, 97.3217)
contains.

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Color

**XYZ(29.5468, 22.0794,
97.3122)**

Conversions

Conversions Part 1

Format	Color
Hex	6672FF
RGB	102, 114, 255
RGB Percent	40%, 45%, 100%
CMY	0.6000, 0.5529, 0.0000
CMYK	0.60, 0.55, 0.00, 0.00
HSL	235°, 100%, 70%
HSV	235°, 60%, 100%
XYZ	29.5468, 22.0794, 97.3122
YIQ	126.4860, -52.4130, 41.3070

Conversions

Conversions Part 2

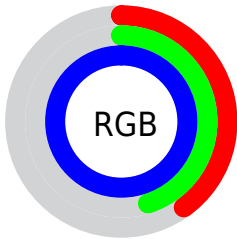
Format	Color
RYB	102, 113, 255
Decimal	6714111
CIELab	54.11, 36.51, -71.77
CIElCh	54, 80.519, 296.961
Yxy	22.0794, 0.1984, 0.1482
Android (android.graphics.Color)	4284904191 (0xFF6672FF)
YUV	126.4860, 63.3574, -21.4742
Hunter-Lab	46.9887, 30.0116, -89.8957

Details

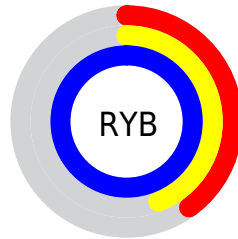
The XYZ color **29.5468, 22.0794, 97.3122** is a light color, and the websafe version is hex **6666FF**. A complement of this color would be **75.6915, 86.3252, 25.2455**, and the grayscale version is **19.8013, 20.8325, 22.6866**.

A 20% lighter version of the original color is **47.2033, 42.4918, 100.3216**, and **12.2074, 8.0210, 53.7281** is the 20% darker color. If you saturate the color by 10%, you get **24.7694, 16.1742, 96.4242**, and if you desaturate by 10%, it is **35.8954, 29.8054, 98.4689**.

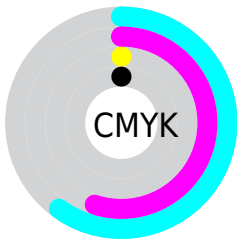
Distribution



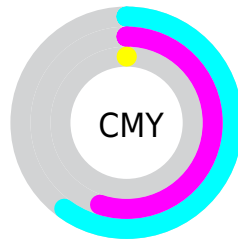
- Red (40%)
- Green (45%)
- Blue (100%)



- Red (40%)
- Yellow (44%)
- Blue (100%)



- Cyan (60%)
- Magenta (55%)
- Yellow (0%)
- Black (0%)



- Cyan (60%)
- Magenta (55%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 29.5468, 22.0794, 97.3122 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 29.5468, 22.0794, 97.3122 by changing the saturation by 10% instead.

■ 29.5468, 22.0794,
97.3122

■ 29.5468, 22.0794,
97.3122

291.7341,
262.9606, 572.7134

■ 19.6412, 13.9153,
73.4534

■ 58.3363, 46.8772,
159.4781

■ 12.2413, 8.0617,
53.8527

■ 77.9509, 64.2796,
198.6223

■ 6.9816, 4.1345,
38.0916

■ 101.5326, 85.5303,
243.6988

■ 3.4968, 1.7491,
25.7514

■ 129.4466,
111.0135, 295.1260

■ 1.4216, 0.4551,
16.4136

162.0585,
141.1138, 353.3225

■ 0.2715, 0.0000,
9.6598

199.7334,

■ 0.0000, 0.0000,

176.2155, 418.7069

5.0713

242.8369,
216.7030, 491.6977

■ 0.0000, 0.0000,
2.2297

■ 0.0000, 0.0000,
0.6914

■ 29.5468, 22.0794,
97.3122

■ 29.5468, 22.0794,
97.3122

■ 24.7694, 16.1742,
96.4242

■ 35.8954, 29.8054,
98.4689

■ 21.4227, 11.9381,
95.7829

■ 43.9337, 39.4838,
99.9133

■ 19.3456, 9.1973,
95.3634

■ 53.7723, 51.2359,
101.6632

■ 18.3002, 7.7202,
95.1334

■ 65.5112, 65.1727,
103.7345

■ 18.3000, 7.7199,
95.1333

■ 79.2433, 81.3974,
106.1424

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.



20.1091, 22.0794, 110.9980



29.5468, 22.0794, 97.3122



38.4224, 22.0794, 60.8957

Triad

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



29.5468, 22.0794, 97.3122



31.5241, 22.0794, 2.0704



8.2966, 22.0794, 21.5830

Complementary

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



29.5468, 22.0794, 97.3122



75.6915, 86.3252, 25.2455

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.



9.8309, 22.0794, 6.2093



29.5468, 22.0794, 97.3122



21.8876, 22.0794, 0.9012

Square

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



29.5468, 22.0794, 97.3122



39.7686, 22.0794, 8.1755



14.2623, 22.0794, 1.6125



9.3042, 22.0794, 53.0617

Rectangle

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



29.5468, 22.0794, 97.3122



41.9365, 22.0794, 36.5894



14.2623, 22.0794, 1.6125



8.5188, 22.0794, 14.7496

Sweetspot

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



29.5478, 22.0800, 97.3123



68.0911, 68.2266, 104.1880



57.3051, 80.7711, 96.7720



13.7753, 13.6573, 22.1600



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.



29.5478, 22.0800, 97.3123



23.9892, 15.1971, 96.2767



38.4767, 24.8048, 97.3676



17.1174, 17.6064, 22.7461



9.6022, 4.1140, 49.7226



0.9726, 0.4758, 4.8539

Inverse Universe

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



49.0295, 31.9792, 19.5082



45.1901, 26.4861, 11.4907



59.7083, 83.5887, 25.5597



18.0671, 18.0102, 18.9707



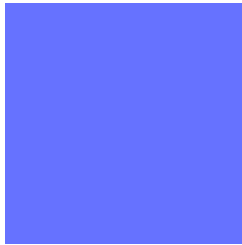
21.6350, 11.1433, 1.4622



2.1255, 1.0926, 0.2424

Previews

White Background



This preview shows how the XYZ color 29.5468, 22.0794, 97.3122 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 29.5468, 22.0794, 97.3122 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 29.5468, 22.0794, 97.3122

Background



This preview shows how black text looks on a background with the XYZ color 29.5468, 22.0794, 97.3122.



This preview shows how white text looks on a background with the XYZ color 29.5468, 22.0794,

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

29.5468, 22.0794, 97.3122

Protanopia

26.2539, 22.1489, 97.4992

Deuteranopia

22.3941, 22.1597, 77.2257



Tritanopia

16.7679, 22.1290, 33.0933

Trichromacy



Original Color

29.5468, 22.0794, 97.3122

Protanomaly

26.8808, 21.7429, 97.3878

Deuteranomaly

23.5292, 21.2336, 83.7473

Tritanomaly

19.9741, 21.2844, 51.1997

Monochromacy



Original Color

29.5468, 22.0794, 97.3122

Achromatopsia

19.8309, 20.8637, 22.7206

Achromatomaly

21.8385, 20.7181, 42.3831

CSS Examples

Text

The CSS property to change the color of the text to XYZ 29.5468, 22.0794, 97.3122 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(102, 114, 255)` looks like.

```
.text, #text, p{  
    color:rgb(102, 114, 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(102, 114, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(102, 114, 255) }
```

Border

The CSS property to change the border of an element to XYZ 29.5468, 22.0794, 97.3122 is called "border". The border property can be set on classes, ids or directly on the HTML element.

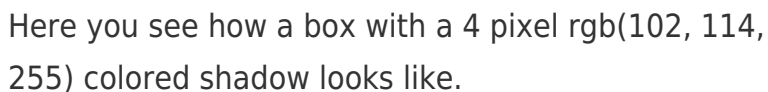
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(102, 114, 255) }
```


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

```
.border{ border-color:rgb(102, 114, 255) }
```

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



Here you see how a box with a 4 pixel `rgb(102, 114, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(102, 114, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(102, 114, 255);  
box-shadow:4px 4px 4px 4px rgb(102, 114,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 29.5468, 22.0794, 97.3122 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(102, 114, 255) }
```

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

```
.background{ background-color: rgb(102,  
114, 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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