

Converting Colors

XYZ(29.5571, 20.7876, 94.1540)

Have a look what the booklet for
XYZ(29.5571, 20.7876, 94.1540)
contains.

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Color

**XYZ(29.5617, 20.7088,
94.5346)**

Conversions

Conversions Part 1

Format	Color
Hex	7269FC
RGB	114, 105, 252
RGB Percent	45%, 41%, 99%
CMY	0.5529, 0.5882, 0.0118
CMYK	0.55, 0.58, 0.00, 0.01
HSL	244°, 96%, 70%
HSV	244°, 58%, 99%
XYZ	29.5617, 20.7088, 94.5346
YIQ	124.4490, -41.8230, 47.6250

Conversions

Conversions Part 2

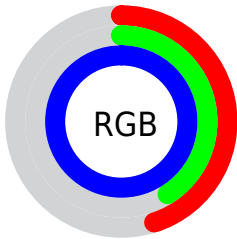
Format	Color
RYB	114, 105, 252
Decimal	7498236
CIELab	52.63, 42.95, -72.47
CIELCh	53, 84.243, 300.653
Yxy	20.7088, 0.2041, 0.1430
Android (android.graphics.Color)	4285688316 (0xFF7269FC)
YUV	124.4490, 62.8826, -9.1638
Hunter-Lab	45.5069, 36.3181, -91.3123

Details

The XYZ color **29.5617, 20.7088, 94.5346** is a light color, and the websafe version is hex **6666FF**. A complement of this color would be **74.3205, 89.6947, 26.7604**, and the grayscale version is **19.1154, 20.1109, 21.9008**.

A 20% lighter version of the original color is **47.7862, 40.4479, 99.8964**, and **12.1970, 7.3349, 51.8119** is the 20% darker color. If you saturate the color by 10%, you get **24.6755, 14.9277, 93.6768**, and if you desaturate by 10%, it is **36.0057, 28.4215, 95.6842**.

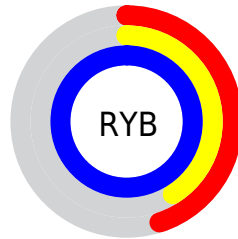
Distribution



Red (45%)

Green (41%)

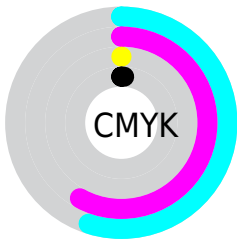
Blue (99%)



Red (45%)

Yellow (41%)

Blue (99%)

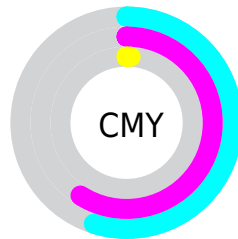


Cyan (55%)

Magenta (58%)

Yellow (0%)

Black (1%)



Cyan (55%)

Magenta (59%)

Yellow (1%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 29.5617, 20.7088, 94.5346 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 29.5617, 20.7088, 94.5346 by changing the saturation by 10% instead.

 29.5617, 20.7088,
94.5346


 29.5617, 20.7088,
94.5346


291.8027,
255.7269, 563.6202


 19.6526, 12.9113,
71.1529

 58.3597, 44.6024,
155.6115

 12.2495, 7.3675,
51.9844


 77.9793, 61.4673,
194.1439

 6.9873, 3.6930,
36.6105


 101.5665, 82.1234,
238.5635

 3.5004, 1.5033,
24.6126

 129.4865,
106.9552, 289.2890

 1.4236, 0.2911,
15.5723

162.1048,
136.3471, 346.7389

 0.2729, 0.0000,
9.0710

199.7867,

 0.0000, 0.0000,

170.6834, 411.3317

4.6900

242.8975,
210.3485, 483.4859

■ 0.0000, 0.0000,
2.0110

■ 0.0000, 0.0000,
0.5621

■ 29.5617, 20.7088,
94.5346

■ 29.5617, 20.7088,
94.5346

■ 24.6755, 14.9277,
93.6768

■ 36.0057, 28.4215,
95.6842

■ 21.2119, 10.9054,
93.0829

■ 44.1212, 38.2148,
97.1467

■ 19.0179, 8.4412,
92.7229

■ 54.0151, 50.2250,
98.9435

■ 17.8925, 7.2618,
92.5546

■ 65.7844, 64.5765,
101.0933

■ 17.7750, 7.1336,
92.5360

■ 79.5189, 81.3844,
103.6136

94.5708, 99.8083,
106.3765

Harmonies

Analogous

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



19.8754, 20.7088, 113.1241



29.5617, 20.7088, 94.5346



38.2809, 20.7088, 55.3449

Triad

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



29.5617, 20.7088, 94.5346



29.1284, 20.7088, 1.2315



7.2018, 20.7088, 23.1019

Complementary

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



29.5617, 20.7088, 94.5346



74.3205, 89.6947, 26.7604

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.



8.3626, 20.7088, 6.2231



29.5617, 20.7088, 94.5346



19.4920, 20.7088, 0.4546

Square

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



29.5617, 20.7088, 94.5346



37.9830, 20.7088, 5.8287



12.2941, 20.7088, 1.3123



8.4714, 20.7088, 57.0934

Rectangle

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



29.5617, 20.7088, 94.5346



41.3753, 20.7088, 31.3093



12.2941, 20.7088, 1.3123



7.3161, 20.7088, 15.5962

Sweetspot

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



29.5627, 20.7094, 94.5352



69.3270, 68.4744, 104.1707



55.9433, 75.1252, 103.6481



14.2731, 13.9651, 22.1932



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.



29.5627, 20.7094, 94.5352



24.6404, 14.5054, 96.1089



42.8358, 27.5519, 95.1563



16.3814, 16.6938, 21.7441



9.2983, 3.7361, 48.2046



0.8946, 0.3633, 4.4661

Inverse Universe

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



61.3735, 37.2695, 88.7483



60.1978, 33.0336, 88.8418



54.1878, 79.3160, 25.8182



17.9444, 17.5051, 21.5630



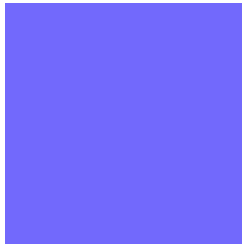
28.8615, 13.9603, 42.8408



2.6866, 1.2984, 4.0391

Previews

White Background



This preview shows how the XYZ color 29.5617, 20.7088, 94.5346 looks on a white background.

Color Contrast Check

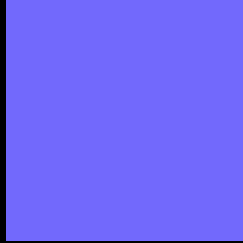
Large Text (above 18pt) WCAG AA ✓ Pass

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 29.5617, 20.7088, 94.5346 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

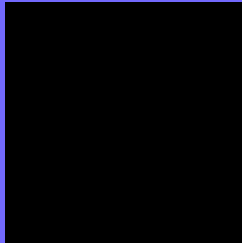
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 29.5617, 20.7088, 94.5346

Background



This preview shows how black text looks on a background with the XYZ color 29.5617, 20.7088, 94.5346.



This preview shows how white text looks on a background with the XYZ color 29.5617, 20.7088,

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

29.5617, 20.7088, 94.5346

Protanopia

24.9802, 20.7631, 97.2988

Deuteranopia

20.9040, 20.7123, 72.0034



Tritanopia

16.6164, 20.6310, 29.8945

Trichromacy



Original Color

29.5617, 20.7088, 94.5346



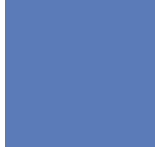
Protanomaly

25.4363, 20.1473, 96.3141



Deuteranomaly

22.3389, 19.7876, 79.7328



Tritanomaly

19.9511, 19.8003, 48.1177

Monochromacy



Original Color

29.5617, 20.7088, 94.5346



Achromatopsia

19.1579, 20.1556, 21.9495



Achromatomaly

21.4577, 19.6559, 41.1911

CSS Examples

Text

The CSS property to change the color of the text to XYZ 29.5617, 20.7088, 94.5346 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(114, 105, 252)` looks like.

```
.text, #text, p{  
    color:rgb(114, 105, 252)  
}
```

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(114, 105, 252) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(114, 105, 252) }
```

Border

The CSS property to change the border of an element to XYZ 29.5617, 20.7088, 94.5346 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(114, 105, 252) }
```


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

```
.border{ border-color:rgb(114, 105, 252) }
```

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

Here you see how a box with a 4 pixel `rgb(114, 105, 252)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(114, 105, 252); -webkit-box-  
shadow:4px 4px 4px 4px rgb(114, 105, 252);  
box-shadow:4px 4px 4px 4px rgb(114, 105,  
252) }
```

Background

The CSS property to change the background color of an element to XYZ 29.5617, 20.7088, 94.5346 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(114, 105, 252) }
```

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

```
.background{ background-color: rgb(114,  
105, 252) }
```

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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