

Converting Colors

XYZ(29.0454, 20.5926, 94.9200)

Have a look what the booklet for
XYZ(29.0454, 20.5926, 94.9200)
contains.

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Color

**XYZ(28.9091, 20.5245,
94.5334)**

Conversions

Conversions Part 1

Format	Color
Hex	6C6AFC
RGB	108, 106, 252
RGB Percent	42%, 42%, 99%
CMY	0.5764, 0.5843, 0.0118
CMYK	0.57, 0.58, 0.00, 0.01
HSL	241°, 96%, 70%
HSV	241°, 58%, 99%
XYZ	28.9091, 20.5245, 94.5334
YIQ	123.2420, -45.6740, 45.8300

Conversions

Conversions Part 2

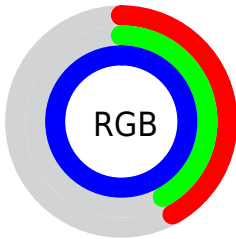
Format	Color
R _Y B	108, 106, 252
Decimal	7105276
CIE Lab	52.43, 41.32, -72.82
CIE LCh	52, 83.728, 299.570
Yxy	20.5245, 0.2008, 0.1426
Android (android.graphics.Color)	4285295356 (0xFF6C6AFC)
YUV	123.2420, 63.4777, -13.3672
Hunter-Lab	45.3040, 34.6214, -92.0045

Details

The XYZ color **28.9091, 20.5245, 94.5334** is a light color, and the websafe version is hex **6666FF**. A complement of this color would be **76.8341, 90.9846, 27.1480**, and the grayscale version is **18.7154, 19.6901, 21.4425**.

A 20% lighter version of the original color is **46.8544, 40.2198, 99.9014**, and **11.8463, 7.2282, 51.8098** is the 20% darker color. If you saturate the color by 10%, you get **24.0793, 14.7296, 93.6699**, and if you desaturate by 10%, it is **35.3650, 28.2901, 95.6925**.

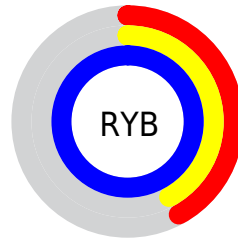
Distribution



Red (42%)

Green (42%)

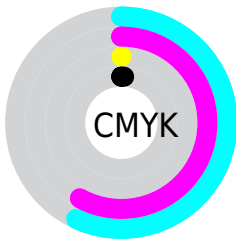
Blue (99%)



Red (42%)

Yellow (42%)

Blue (99%)

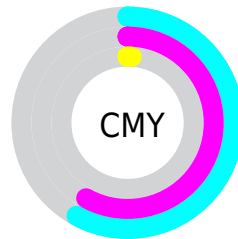


Cyan (57%)

Magenta (58%)

Yellow (0%)

Black (1%)



Cyan (58%)

Magenta (58%)

Yellow (1%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 28.9091, 20.5245, 94.5334 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 28.9091, 20.5245, 94.5334 by changing the saturation by 10% instead.

■ 28.9091, 20.5245,
94.5334

■ 28.9091, 20.5245,
94.5334

288.7878,
254.7406, 563.6163

■ 19.1560, 12.7769,
71.1519

■ 57.3312, 44.2948,
155.6098

■ 11.8877, 7.2751,
51.9836

■ 76.7309, 61.0863,
194.1419

■ 6.7389, 3.6347,
36.6099

■ 100.0769, 81.6612,
238.5613

■ 3.3442, 1.4714,
24.6122

■ 127.7344,
106.4039, 289.2865

■ 1.3383, 0.2685,
15.5719

160.0689,
135.6988, 346.7360

■ 0.2116, 0.0000,
9.0707

197.4457,

■ 0.0000, 0.0000,

169.9302, 411.3285

4.6899

240.2302,
209.4827, 483.4824

■ 0.0000, 0.0000,
2.0109

■ 0.0000, 0.0000,
0.5620

■ 28.9091, 20.5245,
94.5334

■ 28.9091, 20.5245,
94.5334

■ 24.0793, 14.7296,
93.6699

■ 35.3650, 28.2901,
95.6925

■ 20.7281, 10.7266,
93.0739

■ 43.5711, 38.1801,
97.1690

■ 18.6868, 8.3080,
92.7146

■ 53.6430, 50.3353,
98.9843

■ 17.7348, 7.1967,
92.5503

■ 65.6855, 64.8837,
101.1578

■ 17.6141, 7.0507,
92.5285

■ 79.7959, 81.9439,
103.7070

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.



19.3836, 20.5245, 111.6836



28.9091, 20.5245, 94.5334



37.6262, 20.5245, 56.1474

Triad

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



28.9091, 20.5245, 94.5334



29.1905, 20.5245, 1.3058



7.1643, 20.5245, 21.9927

Complementary

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



28.9091, 20.5245, 94.5334



76.8341, 90.9846, 27.1480

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.



8.4029, 20.5245, 5.8732



28.9091, 20.5245, 94.5334



19.6328, 20.5245, 0.4658

Square

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



28.9091, 20.5245, 94.5334



37.8196, 20.5245, 6.1305



12.4040, 20.5245, 1.2528



8.3320, 20.5245, 55.0128

Rectangle

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



28.9091, 20.5245, 94.5334



40.8340, 20.5245, 32.1154



12.4040, 20.5245, 1.2528



7.3057, 20.5245, 14.7933

Sweetspot

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



28.9101, 20.5251, 94.5340



68.7284, 68.1658, 104.1427



58.3253, 79.7137, 104.4082



14.1341, 13.8934, 22.1867



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.



28.9101, 20.5251, 94.5340



23.8896, 14.1183, 96.0737



41.3154, 26.9202, 95.1145



16.3051, 16.6544, 21.7405



9.1852, 3.6778, 48.1993



0.8582, 0.3445, 4.4644

Inverse Universe

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



62.5535, 37.9054, 94.4566



61.5164, 33.5610, 95.7854



56.0026, 80.2456, 26.1731



17.9822, 17.5202, 21.7618



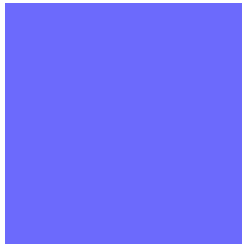
29.7861, 14.3302, 47.7095



2.7619, 1.3285, 4.4357

Previews

White Background



This preview shows how the XYZ color 28.9091, 20.5245, 94.5334 looks on a white background.

Color Contrast Check

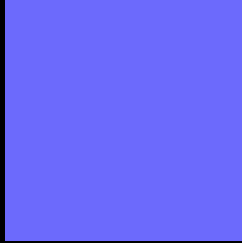
Large Text (above 18pt) WCAG AA ✓ Pass

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 28.9091, 20.5245, 94.5334 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 28.9091, 20.5245, 94.5334

Background



This preview shows how black text looks on a background with the XYZ color 28.9091, 20.5245, 94.5334.

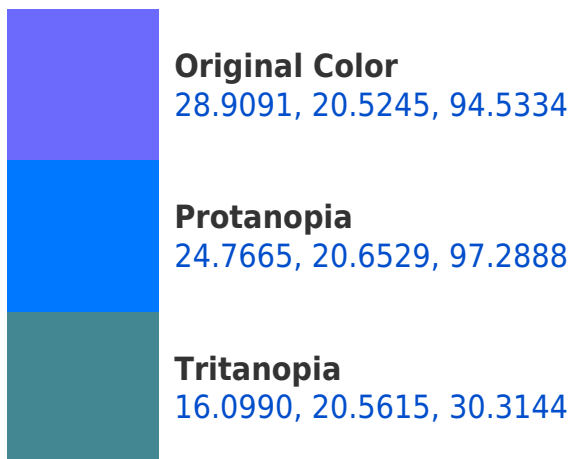


This preview shows how white text looks on a background with the XYZ color 28.9091, 20.5245,

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



Trichromacy



Original Color

28.9091, 20.5245, 94.5334

Protanomaly

24.8568, 19.8486, 96.2870

Tritanomaly

19.3579, 19.6674, 48.6749

Monochromacy



Original Color

28.9091, 20.5245, 94.5334

Achromatopsia

18.8265, 19.8069, 21.5697

Achromatomaly

21.0882, 19.4764, 40.6781

CSS Examples

Text

The CSS property to change the color of the text to XYZ 28.9091, 20.5245, 94.5334 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(108, 106, 252)` looks like.

```
.text, #text, p{  
    color:rgb(108, 106, 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(108, 106, 252) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(108, 106, 252) }
```

Border

The CSS property to change the border of an element to XYZ 28.9091, 20.5245, 94.5334 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(108, 106, 252) }
```

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

```
.border{ border-color:rgb(108, 106, 252) }
```

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

Here you see how a box with a 4 pixel `rgb(108, 106, 252)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(108, 106, 252); -webkit-box-  
shadow:4px 4px 4px 4px rgb(108, 106, 252);  
box-shadow:4px 4px 4px 4px rgb(108, 106,  
252) }
```


Background

The CSS property to change the background color of an element to XYZ 28.9091, 20.5245, 94.5334 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(108, 106, 252) }
```

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

```
.background{ background-color: rgb(108,  
106, 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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