

Converting Colors

XYZ(29.3436, 22.5432, 96.9072)

Have a look what the booklet for
XYZ(29.3436, 22.5432, 96.9072)
contains.

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Color

**XYZ(29.2877, 22.4750,
96.5604)**

Conversions

Conversions Part 1

Format	Color
Hex	6275FE
RGB	98, 117, 254
RGB Percent	38%, 46%, 100%
CMY	0.6157, 0.5412, 0.0039
CMYK	0.61, 0.54, 0.00, 0.00
HSL	233°, 99%, 69%
HSV	233°, 61%, 100%
XYZ	29.2877, 22.4750, 96.5604
YIQ	126.9370, -55.3010, 38.5790

Conversions

Conversions Part 2

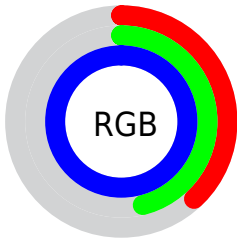
Format	Color
R _{YB}	98, 115, 254
Decimal	6452734
CIE Lab	54.53, 33.72, -70.55
CIE LCh	55, 78.196, 295.545
Yxy	22.4750, 0.1975, 0.1515
Android (android.graphics.Color)	4284642814 (0xFF6275FE)
YUV	126.9370, 62.6421, -25.3777
Hunter-Lab	47.4078, 27.3105, -87.5766

Details

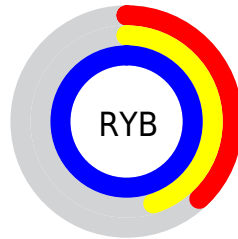
The XYZ color **29.2877, 22.4750, 96.5604** is a light color, and the websafe version is hex **6666FF**. A complement of this color would be **72.7891, 81.3746, 23.4279**, and the grayscale version is **19.9579, 20.9973, 22.8661**.

A 20% lighter version of the original color is **46.9359, 43.1730, 100.4672**, and **12.0919, 8.2418, 53.1781** is the 20% darker color. If you saturate the color by 10%, you get **24.6722, 16.6862, 95.6869**, and if you desaturate by 10%, it is **35.3938, 29.9516, 97.6822**.

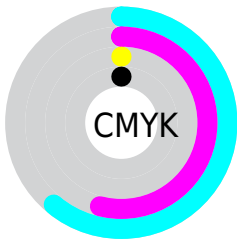
Distribution



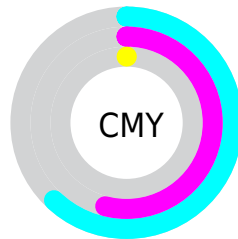
- Red (38%)
- Green (46%)
- Blue (100%)



- Red (38%)
- Yellow (45%)
- Blue (100%)



- Cyan (61%)
- Magenta (54%)
- Yellow (0%)
- Black (0%)



- Cyan (62%)
- Magenta (54%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 29.2877, 22.4750, 96.5604 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 29.2877, 22.4750, 96.5604 by changing the saturation by 10% instead.

■ 29.2877, 22.4750,
96.5604

■ 29.2877, 22.4750,
96.5604

290.5398,
265.0169, 570.2599

■ 19.4439, 14.2063,
72.8303

■ 57.9283, 47.5298,
158.4327

■ 12.0974, 8.2643,
53.3463

■ 77.4558, 65.0848,
197.4120

■ 6.8827, 4.2645,
37.6896

■ 100.9420, 86.5039,
242.3114

■ 3.4345, 1.8226,
25.4419

128.7521,
112.1717, 293.5496

■ 1.3875, 0.5012,
16.1846

161.2516,
142.4725, 351.5449

■ 0.2473, 0.0000,
9.4991

198.8058,

■ 0.0000, 0.0000,

177.7907, 416.7161

4.9669

241.7801,
218.5107, 489.4816

■ 0.0000, 0.0000,
2.1695

■ 0.0000, 0.0000,
0.6567

■ 29.2877, 22.4750,
96.5604

■ 29.2877, 22.4750,
96.5604

■ 24.6722, 16.6862,
95.6869

■ 35.3938, 29.9516,
97.6822

■ 21.4138, 12.4498,
95.0409

■ 43.1018, 39.2329,
99.0675

■ 19.3601, 9.6120,
94.6014

■ 52.5162, 50.4276,
100.7321

■ 18.3775, 8.1318,
94.3675

■ 63.7315, 63.6353,
102.6903

■ 76.8354, 78.9484,
104.9554

■ 91.9097, 96.4538,
107.5397

■ 94.8895, 99.9358,
108.0548

Harmonies

Analogous

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



20.1067, 22.4750, 108.1635



29.2877, 22.4750, 96.5604



38.0411, 22.4750, 62.0774

Triad

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



29.2877, 22.4750, 96.5604



32.1112, 22.4750, 2.5367



8.7816, 22.4750, 20.9842

Complementary

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



29.2877, 22.4750, 96.5604



72.7891, 81.3746, 23.4279

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.



10.4485, 22.4750, 6.3008



29.2877, 22.4750, 96.5604



22.6681, 22.4750, 1.1311

Square

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



29.2877, 22.4750, 96.5604



39.9536, 22.4750, 9.2372



15.0128, 22.4750, 1.8104



9.6735, 22.4750, 50.9960

Rectangle

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



29.2877, 22.4750, 96.5604



41.6304, 22.4750, 38.2493



15.0128, 22.4750, 1.8104



9.0451, 22.4750, 14.4771

Sweetspot

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



29.2888, 22.4756, 96.5610



68.5939, 69.2322, 104.3556



55.2168, 79.3759, 89.6528



13.8952, 13.8971, 22.2000



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.



29.2888, 22.4756, 96.5610



23.9123, 15.5792, 96.3545



35.8151, 22.8817, 96.2954



17.1811, 17.7339, 22.7674



9.7436, 4.3968, 49.7697



1.0026, 0.5358, 4.8639

Inverse Universe

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



48.4527, 31.0923, 20.2775



45.0205, 25.9175, 12.1414



60.6216, 83.6098, 24.5006



18.0993, 18.0230, 19.1402



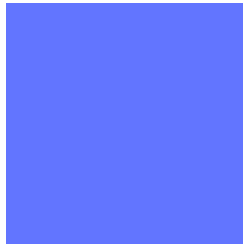
21.7063, 11.1718, 1.8380



2.1407, 1.0986, 0.3221

Previews

White Background



This preview shows how the XYZ color 29.2877, 22.4750, 96.5604 looks on a white background.

Color Contrast Check

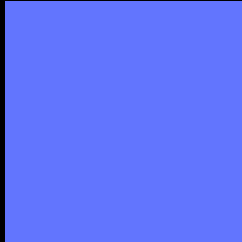
Large Text (above 18pt) WCAG AA ✓ Pass

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 29.2877, 22.4750, 96.5604 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

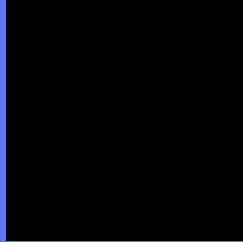
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 29.2877, 22.4750, 96.5604

Background



This preview shows how black text looks on a background with the XYZ color 29.2877, 22.4750, 96.5604.



This preview shows how white text looks on a background with the XYZ color 29.2877, 22.4750,

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

29.2877, 22.4750, 96.5604

Protanopia

26.6025, 22.5156, 97.5516

Deuteranopia

22.8113, 22.5446, 78.7506



Tritanopia

16.7247, 22.3075, 33.9961

Trichromacy



Original Color

29.2877, 22.4750, 96.5604

Protanomaly

27.2563, 22.2973, 97.4750

Deuteranomaly

23.8969, 21.7858, 84.6069

Tritanomaly

19.9286, 21.6510, 51.8439

Monochromacy



Original Color

29.2877, 22.4750, 96.5604

Achromatopsia

20.1725, 21.2231, 23.1119

Achromatomaly

21.8282, 20.8961, 42.4180

CSS Examples

Text

The CSS property to change the color of the text to XYZ 29.2877, 22.4750, 96.5604 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(98, 117, 254)` looks like.

```
.text, #text, p{  
    color:rgb(98, 117, 254)  
}
```

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(98, 117, 254) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(98, 117, 254) }
```

Border

The CSS property to change the border of an element to XYZ 29.2877, 22.4750, 96.5604 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(98, 117, 254) }
```


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

```
.border{ border-color:rgb(98, 117, 254) }
```

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

Here you see how a box with a 4 pixel `rgb(98, 117, 254)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(98, 117, 254); -webkit-box-  
shadow:4px 4px 4px 4px rgb(98, 117, 254);  
box-shadow:4px 4px 4px 4px rgb(98, 117,  
254) }
```

Background

The CSS property to change the background color of an element to XYZ 29.2877, 22.4750, 96.5604 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(98, 117, 254) }
```

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

```
.background{ background-color: rgb(98, 117,  
254) }
```

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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