

Converting Colors

XYZ(27.2674, 14.9473, 96.0582)

Have a look what the booklet for
XYZ(27.2674, 14.9473, 96.0582)
contains.

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Color

**XYZ(27.2596, 14.9473,
96.0561)**

Conversions

Conversions Part 1

Format	Color
Hex	7443FF
RGB	116, 67, 255
RGB Percent	45%, 26%, 100%
CMY	0.5451, 0.7373, 0.0000
CMYK	0.55, 0.74, 0.00, 0.00
HSL	256°, 100%, 63%
HSV	256°, 74%, 100%
XYZ	27.2596, 14.9473, 96.0561
YIQ	103.0830, -31.1440, 68.8560

Conversions

Conversions Part 2

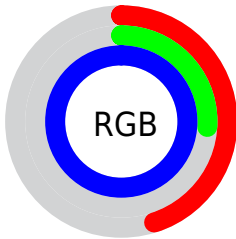
Format	Color
R _Y B	116, 67, 255
Decimal	7619583
CIE Lab	45.56, 64.38, -85.67
CIE LCh	46, 107.168, 306.923
Yxy	14.9473, 0.1972, 0.1081
Android (android.graphics.Color)	4285809663 (0xFF7443FF)
YUV	103.0830, 74.8951, 11.3282
Hunter-Lab	38.6617, 58.1987, -120.2443

Details

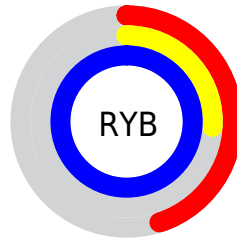
The XYZ color **27.2596, 14.9473, 96.0561** is a dark color, and the websafe version is hex **6633FF**. The color can be described as middle washed purple. A complement of this color would be **62.2245, 85.0459, 18.4459**, and the grayscale version is **12.7290, 13.3919, 14.5837**.

A 20% lighter version of the original color is **43.3569, 30.2366, 98.1588**, and **11.0182, 4.6126, 53.1329** is the 20% darker color. If you saturate the color by 10%, you get **23.8065, 11.3905, 95.5516**, and if you desaturate by 10%, it is **31.8896, 20.1002, 96.8067**.

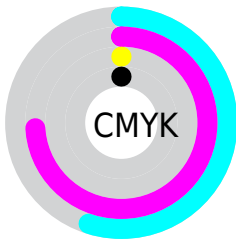
Distribution



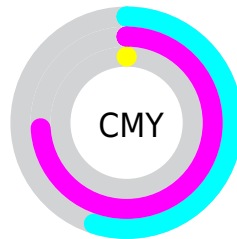
- Red (45%)
- Green (26%)
- Blue (100%)



- Red (45%)
- Yellow (26%)
- Blue (100%)



- Cyan (55%)
- Magenta (74%)
- Yellow (0%)
- Black (0%)



- Cyan (55%)
- Magenta (74%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 27.2596, 14.9473, 96.0561 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 27.2596, 14.9473, 96.0561 by changing the saturation by 10% instead.

■ 27.2596, 14.9473,
96.0561

■ 27.2596, 14.9473,
96.0561

281.0565,
223.0470, 568.6109

■ 17.9059, 8.7824,
72.4125

■ 54.7171, 34.7607,
157.7309

■ 10.9817, 4.5995,
53.0069

■ 73.5516, 49.1780,
196.5993

■ 6.1217, 2.0143,
37.4205

■ 96.2771, 67.1149,
241.3797

■ 2.9606, 0.6157,
25.2349

■ 123.2589, 88.9558,
292.4907

■ 1.1330, 0.0000,
16.0315

■ 154.8624,
115.0850, 350.3507

■ 0.0524, 0.0000,
9.3919

191.4529,

■ 0.0000, 0.0000,

145.8871, 415.3784

4.8974

233.3959,
181.7463, 487.9923

■ 0.0000, 0.0000,
2.1295

■ 0.0000, 0.0000,
0.6332

■ 27.2596, 14.9473,
96.0561

■ 27.2596, 14.9473,
96.0561

■ 23.8065, 11.3905,
95.5516

■ 31.8896, 20.1002,
96.8067

■ 21.4019, 9.2230,
95.2600

■ 37.8000, 27.0184,
97.8305

■ 20.3288, 8.3948,
95.1566

■ 45.0850, 35.8497,
99.1512

■ 53.8287, 46.7261,
100.7897

64.1083, 59.7673,
102.7651

75.9952, 75.0840,
105.0950

89.5562, 92.7790,
107.7958

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.



16.3845, 14.9473, 130.6532



27.2596, 14.9473, 96.0561



36.6555, 14.9473, 44.2540

Triad

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



27.2596, 14.9473, 96.0561



22.0784, 14.9473, 0.0000



3.0545, 14.9473, 22.9699

Complementary

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



27.2596, 14.9473, 96.0561



62.2245, 85.0459, 18.4459

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.



3.5262, 14.9473, 3.5905



27.2596, 14.9473, 96.0561



12.2314, 14.9473, 0.0000

Square

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



27.2596, 14.9473, 96.0561



32.8892, 14.9473, 0.9912



6.1722, 14.9473, 0.0000



4.4108, 14.9473, 67.4857

Rectangle

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



27.2596, 14.9473, 96.0561



39.2593, 14.9473, 19.0670



6.1722, 14.9473, 0.0000



3.0185, 14.9473, 13.7699

Sweetspot

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



27.2604, 14.9476, 96.0561



66.0433, 62.2455, 103.1415



42.9205, 53.5249, 102.6769



13.4899, 12.4962, 21.9510



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.



27.2604, 14.9476, 96.0561



22.6587, 10.3078, 95.4031



46.0694, 24.6440, 96.9364



17.4469, 17.6066, 22.7288



10.7398, 4.4470, 49.7269



1.1427, 0.4830, 4.8463

Inverse Universe

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



54.3867, 29.7300, 61.2594



51.7409, 26.2277, 54.8611



43.7124, 75.5026, 17.5796



18.5786, 18.2147, 21.6639



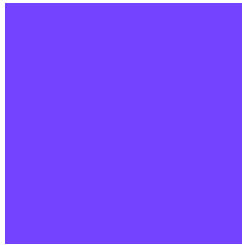
26.3860, 13.0437, 26.4807



2.6139, 1.2879, 2.8141

Previews

White Background



This preview shows how the XYZ color 27.2596, 14.9473, 96.0561 looks on a white background.

Color Contrast Check

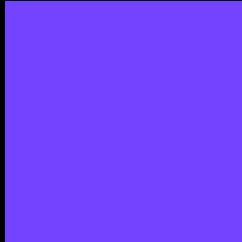
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



This preview shows how the XYZ color 27.2596, 14.9473, 96.0561 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

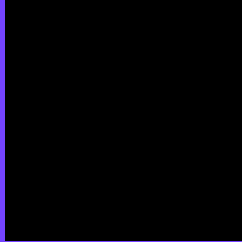
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 27.2596, 14.9473, 96.0561

Background



This preview shows how black text looks on a background with the XYZ color 27.2596, 14.9473, 96.0561.



This preview shows how white text looks on a background with the XYZ color 27.2596, 14.9473,

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

27.2596, 14.9473, 96.0561

Protanopia

17.6052, 14.9626, 68.2898

Deuteranopia

14.5456, 14.7397, 49.0921



Tritanopia

12.1910, 14.8043, 20.9539

Trichromacy



Original Color

27.2596, 14.9473, 96.0561



Protanomaly

19.1197, 13.7439, 77.2464



Deuteranomaly

16.8412, 13.2511, 63.9574



Tritanomaly

15.5559, 13.5159, 40.3170

Monochromacy



Original Color

27.2596, 14.9473, 96.0561



Achromatopsia

12.8919, 13.5633, 14.7705



Achromatomaly

16.0121, 12.9691, 34.0071

CSS Examples

Text

The CSS property to change the color of the text to XYZ 27.2596, 14.9473, 96.0561 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(116, 67, 255)` looks like.

```
.text, #text, p{  
    color:rgb(116, 67, 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(116, 67, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(116, 67, 255) }
```

Border

The CSS property to change the border of an element to XYZ 27.2596, 14.9473, 96.0561 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(116, 67, 255) }
```


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

```
.border{ border-color:rgb(116, 67, 255) }
```

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

Here you see how a box with a 4 pixel rgb(116, 67, 255) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(116, 67, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(116, 67, 255);  
box-shadow:4px 4px 4px 4px rgb(116, 67,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 27.2596, 14.9473, 96.0561 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(116, 67, 255) }
```

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

```
.background{ background-color: rgb(116, 67,  
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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