

Converting Colors

XYZ(27.3230, 13.9815, 93.6646)

Have a look what the booklet for
XYZ(27.3230, 13.9815, 93.6646)
contains.

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Color

**XYZ(27.3473, 14.0266,
93.3615)**

Conversions

Conversions Part 1

Format	Color
Hex	7D36FC
RGB	125, 54, 252
RGB Percent	49%, 21%, 99%
CMY	0.5098, 0.7882, 0.0118
CMYK	0.50, 0.79, 0.00, 0.01
HSL	262°, 97%, 60%
HSV	262°, 79%, 99%
XYZ	27.3473, 14.0266, 93.3615
YIQ	97.8010, -21.2420, 76.6300

Conversions

Conversions Part 2

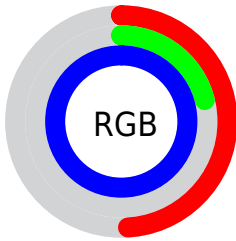
Format	Color
R _{YB}	125, 54, 252
Decimal	8206076
CIE Lab	44.27, 70.30, -86.09
CIE LCh	44, 111.145, 309.234
Yxy	14.0266, 0.2030, 0.1041
Android (android.graphics.Color)	4286396156 (0xFF7D36FC)
YUV	97.8010, 76.0201, 23.8535
Hunter-Lab	37.4521, 64.7984, -121.5831

Details

The XYZ color **27.3473, 14.0266, 93.3615** 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 **54.5309, 79.7104, 16.0015**, and the grayscale version is **11.3821, 11.9748, 13.0406**.

A 20% lighter version of the original color is **44.2577, 28.8486, 97.8435**, and **11.3132, 4.7073, 51.3513** is the 20% darker color. If you saturate the color by 10%, you get **24.2926, 11.1385, 92.9654**, and if you desaturate by 10%, it is **31.3943, 18.3265, 93.9785**.

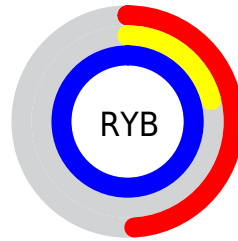
Distribution



Red (49%)

Green (21%)

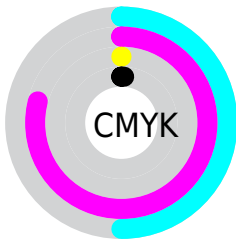
Blue (99%)



Red (49%)

Yellow (21%)

Blue (99%)

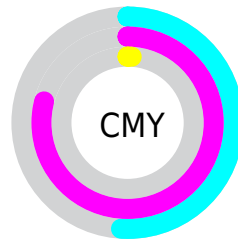


Cyan (50%)

Magenta (79%)

Yellow (0%)

Black (1%)



Cyan (51%)

Magenta (79%)

Yellow (1%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 27.3473, 14.0266, 93.3615 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 27.3473, 14.0266, 93.3615 by changing the saturation by 10% instead.

■ 27.3473, 14.0266,
93.3615

■ 27.3473, 14.0266,
93.3615

281.4718,
217.3962, 559.7559

■ 17.9722, 8.1392,
70.1827

■ 54.8566, 33.1362,
153.9750

■ 11.0296, 4.1841,
51.1977

■ 73.7215, 47.1272,
192.2468

■ 6.1542, 1.7771,
35.9882

■ 96.4804, 64.5881,
236.3867

■ 2.9806, 0.4728,
24.1355

■ 123.4986, 85.9035,
286.8131

■ 1.1435, 0.0000,
15.2210

■ 155.1415,
111.4575, 343.9448

■ 0.0611, 0.0000,
8.8263

■ 191.7744,

■ 0.0000, 0.0000,

141.6348, 408.2000

4.5328

233.7627,
176.8195, 479.9976

■ 0.0000, 0.0000,
1.9219

■ 0.0000, 0.0000,
0.5066

■ 27.3473, 14.0266,
93.3615

■ 27.3473, 14.0266,
93.3615

■ 24.2926, 11.1385,
92.9654

■ 31.3943, 18.3265,
93.9785

■ 22.0917, 9.4169,
92.7491

■ 36.5307, 24.2109,
94.8436

■ 21.8235, 9.2207,
92.7254

■ 42.8433, 31.8278,
95.9811

■ 50.4084, 41.3072,
97.4121

■ 59.2955, 52.7665,
99.1556

■ 69.5687, 66.3132,
101.2289

■ 81.2877, 82.0468,
103.6481

94.3169, 99.6774,
106.3645

94.5708, 99.8083,
106.3763

Harmonies

Analogous

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



16.2705, 14.0266, 132.6782



27.3473, 14.0266, 93.3615



36.5854, 14.0266, 40.0694

Triad

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



27.3473, 14.0266, 93.3615



20.3655, 14.0266, 0.0000



2.5706, 14.0266, 24.5632

Complementary

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



27.3473, 14.0266, 93.3615



54.5309, 79.7104, 16.0015

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.



2.8792, 14.0266, 3.6536



27.3473, 14.0266, 93.3615



10.7703, 14.0266, 0.0000

Square

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



27.3473, 14.0266, 93.3615



31.4630, 14.0266, 0.4217



5.1736, 14.0266, 0.0000



3.9849, 14.0266, 71.9644

Rectangle

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



27.3473, 14.0266, 93.3615



38.8047, 14.0266, 15.9372



5.1736, 14.0266, 0.0000



2.4978, 14.0266, 14.6267

Sweetspot

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



27.3482, 14.0269, 93.3619



65.5416, 60.2751, 102.7876



35.9637, 41.5558, 98.2214



13.2480, 11.8768, 21.8442



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.



27.3482, 14.0269, 93.3619



23.6212, 10.3520, 95.3609



49.1061, 25.2436, 94.3802



16.8705, 16.9459, 21.7670



11.5138, 4.8783, 48.3083



1.1774, 0.5091, 4.4794

Inverse Universe

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



49.8040, 26.6697, 46.2354



48.5802, 24.4762, 39.7194



39.1057, 71.7584, 15.2796



17.7134, 17.4127, 20.3463



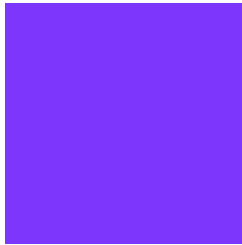
24.3649, 12.1617, 19.1617



2.3072, 1.1466, 2.0412

Previews

White Background



This preview shows how the XYZ color 27.3473, 14.0266, 93.3615 looks on a white background.

Color Contrast Check

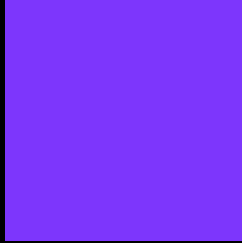
Large Text (above 18pt) WCAG AA ✓ Pass

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 27.3473, 14.0266, 93.3615 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

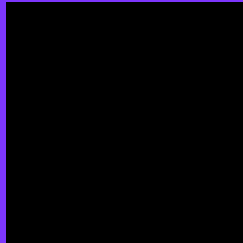
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 27.3473, 14.0266, 93.3615

Background



This preview shows how black text looks on a background with the XYZ color 27.3473, 14.0266, 93.3615.



This preview shows how white text looks on a background with the XYZ color 27.3473, 14.0266,

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

27.3473, 14.0266, 93.3615

Protanopia

16.5373, 14.0608, 64.1298

Deuteranopia

13.7012, 13.8928, 46.2154



Tritanopia

12.3527, 13.9645, 18.5674

Trichromacy



Original Color

27.3473, 14.0266, 93.3615



Protanomaly

18.1176, 12.4446, 74.1202



Deuteranomaly

15.8344, 12.0423, 60.5213



Tritanomaly

15.5368, 12.4054, 37.1729

Monochromacy



Original Color

27.3473, 14.0266, 93.3615



Achromatopsia

11.6093, 12.2139, 13.3009



Achromatomaly

15.0344, 11.5558, 32.0099

CSS Examples

Text

The CSS property to change the color of the text to XYZ 27.3473, 14.0266, 93.3615 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(125, 54, 252)` looks like.

```
.text, #text, p{  
    color:rgb(125, 54, 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(125, 54, 252) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(125, 54, 252) }
```

Border

The CSS property to change the border of an element to XYZ 27.3473, 14.0266, 93.3615 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(125, 54, 252) }
```


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

```
.border{ border-color:rgb(125, 54, 252) }
```

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

Here you see how a box with a 4 pixel rgb(125, 54, 252) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(125, 54, 252); -webkit-box-  
shadow:4px 4px 4px 4px rgb(125, 54, 252);  
box-shadow:4px 4px 4px 4px rgb(125, 54,  
252) }
```

Background

The CSS property to change the background color of an element to XYZ 27.3473, 14.0266, 93.3615 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(125, 54, 252) }
```

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

```
.background{ background-color: rgb(125, 54,  
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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