

Converting Colors

XYZ(24.3611, 13.0606, 90.8595)

Have a look what the booklet for
XYZ(24.3611, 13.0606, 90.8595)
contains.

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Color

**XYZ(24.3611, 13.0606,
90.8595)**

Conversions

Conversions Part 1

Format	Color
Hex	673DF9
RGB	103, 61, 249
RGB Percent	40%, 24%, 98%
CMY	0.5961, 0.7608, 0.0235
CMYK	0.59, 0.76, 0.00, 0.02
HSL	253°, 94%, 61%
HSV	253°, 76%, 98%
XYZ	24.3611, 13.0606, 90.8595
YIQ	94.9900, -35.3160, 67.3720

Conversions

Conversions Part 2

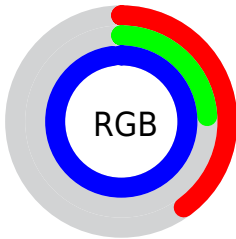
Format	Color
R _{YB}	103, 61, 249
Decimal	6766073
CIE Lab	42.85, 63.92, -86.82
CIE LCh	43, 107.814, 306.364
Yxy	13.0606, 0.1899, 0.1018
Android (android.graphics.Color)	4284956153 (0xFF673DF9)
YUV	94.9900, 75.9269, 7.0248
Hunter-Lab	36.1395, 57.0803, -123.7655

Details

The XYZ color **24.3611, 13.0606, 90.8595** 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 **60.4479, 81.3528, 16.9314**, and the grayscale version is **10.7058, 11.2633, 12.2657**.

A 20% lighter version of the original color is **40.1036, 27.3551, 97.7741**, and **9.4290, 3.7745, 49.5218** is the 20% darker color. If you saturate the color by 10%, you get **21.3596, 9.9770, 90.4229**, and if you desaturate by 10%, it is **28.4934, 17.6416, 91.5263**.

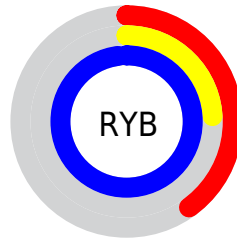
Distribution



Red (40%)

Green (24%)

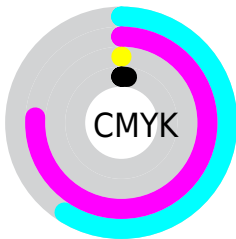
Blue (98%)



Red (40%)

Yellow (24%)

Blue (98%)

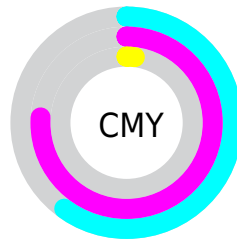


Cyan (59%)

Magenta (76%)

Yellow (0%)

Black (2%)



Cyan (60%)


Magenta (76%)


Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 24.3611, 13.0606, 90.8595 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 24.3611, 13.0606, 90.8595 by changing the saturation by 10% instead.


 24.3611, 13.0606,
90.8595

 24.3611, 13.0606,
90.8595


267.0478,
211.3057, 551.4649

 15.7279, 7.4703,
68.1160


 50.0692, 31.4126,
150.4776


 9.4214, 3.7579,
49.5248


 67.8748, 44.9431,
188.1894


 5.0764, 1.5391,
34.6675


 89.4686, 61.8891,
231.7276

 2.3274, 0.3160,
23.1253

 115.2160, 82.6350,
281.5108

 0.8086, 0.0000,
14.4799

 145.4822,
107.5652, 337.9576

 0.0000, 0.0000,
8.3127

180.6327,

 0.0000, 0.0000,

137.0642, 401.4866

4.2050

221.0327,
171.5162, 472.5161

■ 0.0000, 0.0000,
1.7385

■ 0.0000, 0.0000,
0.3869

■ 24.3611, 13.0606,
90.8595

■ 24.3611, 13.0606,
90.8595

■ 21.3596, 9.9770,
90.4229

■ 28.4934, 17.6416,
91.5263

■ 19.3571, 8.1847,
90.1825

■ 33.8618, 23.8870,
92.4488

■ 18.7097, 7.6700,
90.1172

■ 40.5618, 31.9418,
93.6504

■ 48.6782, 41.9348,
95.1515

■ 58.2886, 53.9829,
96.9705

■ 69.4648, 68.1937,
99.1244

■ 82.2739, 84.6670,
101.6290

■ 94.0990, 99.6196,
103.8919

Harmonies

Analogous

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



14.2519, 13.0606, 123.5823



24.3611, 13.0606, 90.8595



33.2912, 13.0606, 41.2352

Triad

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



24.3611, 13.0606, 90.8595



19.9021, 13.0606, 0.0000



2.3924, 13.0606, 19.8597

Complementary

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



24.3611, 13.0606, 90.8595



60.4479, 81.3528, 16.9314

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.



2.8268, 13.0606, 2.6896



24.3611, 13.0606, 90.8595



10.7408, 13.0606, 0.0000

Square

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



24.3611, 13.0606, 90.8595



30.0185, 13.0606, 0.6966



5.1956, 13.0606, 0.0000



3.5327, 13.0606, 61.5818

Rectangle

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



24.3611, 13.0606, 90.8595



35.8558, 13.0606, 17.2938



5.1956, 13.0606, 0.0000



2.3706, 13.0606, 11.5352

Sweetspot

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



24.3619, 13.0609, 90.8599



64.2925, 60.4797, 102.8929



41.6443, 53.0735, 97.6722



12.9042, 11.8617, 21.8594



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.



24.3619, 13.0609, 90.8599



21.2415, 9.3187, 95.2869



41.4632, 21.8769, 91.6602



16.6457, 16.8300, 21.7565



10.1144, 4.1568, 48.2428



1.0238, 0.4299, 4.4722

Inverse Universe

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



51.9972, 27.9817, 61.6867



52.3427, 26.1897, 58.8894



41.6921, 71.6838, 16.0536



17.8173, 17.4543, 20.8937



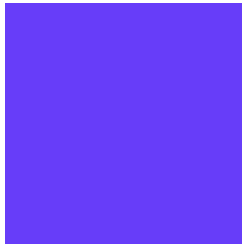
26.1420, 12.8725, 28.5198



2.4606, 1.2080, 2.8487

Previews

White Background



This preview shows how the XYZ color 24.3611, 13.0606, 90.8595 looks on a white background.

Color Contrast Check

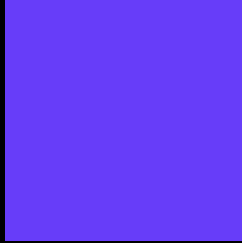
Large Text (above 18pt) WCAG AA ✓ Pass

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 24.3611, 13.0606, 90.8595 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

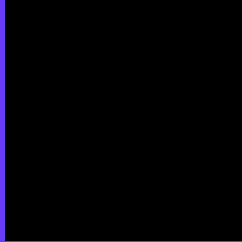
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 24.3611, 13.0606, 90.8595

Background



This preview shows how black text looks on a background with the XYZ color 24.3611, 13.0606, 90.8595.

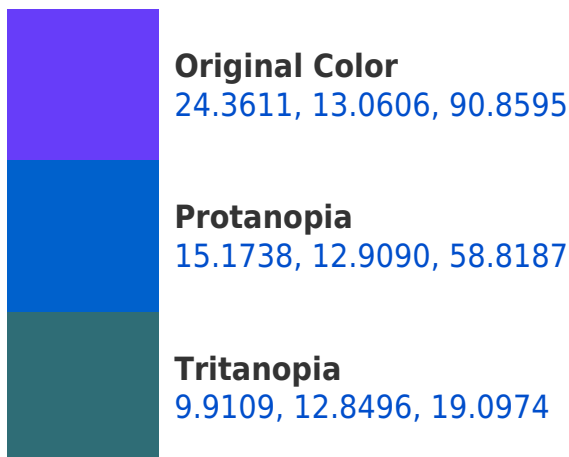


This preview shows how white text looks on a background with the XYZ color 24.3611, 13.0606,

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

24.3611, 13.0606, 90.8595



Protanomaly

16.8515, 11.9013, 69.1191



Tritanomaly

13.0248, 11.6008, 37.6291

Monochromacy



Original Color

24.3611, 13.0606, 90.8595



Achromatopsia

10.8771, 11.4435, 12.4620



Achromatomaly

13.7162, 11.0175, 30.6818

CSS Examples

Text

The CSS property to change the color of the text to XYZ 24.3611, 13.0606, 90.8595 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(103, 61, 249)` looks like.

```
.text, #text, p{  
    color:rgb(103, 61, 249)  
}
```

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(103, 61, 249) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(103, 61, 249) }
```

Border

The CSS property to change the border of an element to XYZ 24.3611, 13.0606, 90.8595 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(103, 61, 249) }
```

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

```
.border{ border-color:rgb(103, 61, 249) }
```

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

Here you see how a box with a 4 pixel rgb(103, 61, 249) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(103, 61, 249); -webkit-box-  
shadow:4px 4px 4px 4px rgb(103, 61, 249);  
box-shadow:4px 4px 4px 4px rgb(103, 61,  
249) }
```


Background

The CSS property to change the background color of an element to XYZ 24.3611, 13.0606, 90.8595 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(103, 61, 249) }
```

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

```
.background{ background-color: rgb(103, 61,  
249) }
```

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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