

Converting Colors

XYZ(24.9213, 13.7518, 95.9486)

Have a look what the booklet for
XYZ(24.9213, 13.7518, 95.9486)
contains.

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Color

**XYZ(24.8810, 13.7211,
95.9448)**

Conversions

Conversions Part 1

Format	Color
Hex	6043FF
RGB	96, 67, 255
RGB Percent	38%, 26%, 100%
CMY	0.6235, 0.7373, 0.0000
CMYK	0.62, 0.74, 0.00, 0.00
HSL	249°, 100%, 63%
HSV	249°, 74%, 100%
XYZ	24.8810, 13.7211, 95.9448
YIQ	97.1030, -43.0640, 64.6160

Conversions

Conversions Part 2

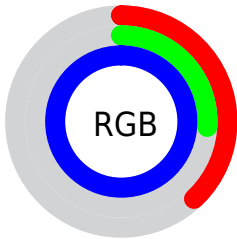
Format	Color
R _Y B	96, 67, 255
Decimal	6308863
CIE Lab	43.83, 61.96, -88.59
CIE LCh	44, 108.105, 304.971
Yxy	13.7211, 0.1849, 0.1020
Android (android.graphics.Color)	4284498943 (0xFF6043FF)
YUV	97.1030, 77.8432, -0.9673
Hunter-Lab	37.0420, 55.0744, -127.6413

Details

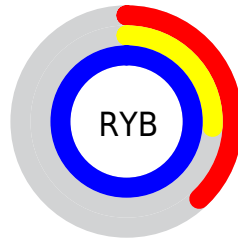
The XYZ color **24.8810, 13.7211, 95.9448** is a dark color, and the websafe version is hex **6633FF**. The color can be described as middle washed purple. A complement of this color would be **68.1339, 88.0923, 18.7224**, and the grayscale version is **11.2108, 11.7946, 12.8444**.

A 20% lighter version of the original color is **39.5471, 28.0950, 97.9463**, and **10.2220, 4.3191, 53.1182** is the 20% darker color. If you saturate the color by 10%, you get **21.7186, 10.3141, 95.4539**, and if you desaturate by 10%, it is **29.3339, 18.7827, 96.6871**.

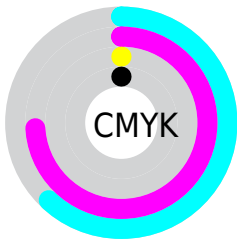
Distribution



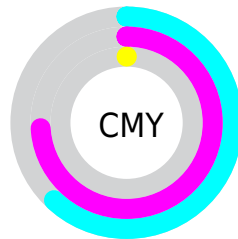
- Red (38%)
- Green (26%)
- Blue (100%)



- Red (38%)
- Yellow (26%)
- Blue (100%)



- Cyan (62%)
- Magenta (74%)
- Yellow (0%)
- Black (0%)



- Cyan (62%)
- Magenta (74%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 24.8810, 13.7211, 95.9448 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 24.8810, 13.7211, 95.9448 by changing the saturation by 10% instead.

■ 24.8810, 13.7211,
95.9448

■ 24.8810, 13.7211,
95.9448

269.6034,
215.4888, 568.2467

■ 16.1167, 7.9269,
72.3204

■ 50.9084, 32.5933,
157.5760

■ 9.6981, 4.0482,
52.9320

■ 68.9022, 46.4402,
196.4199

■ 5.2600, 1.7006,
37.3611

■ 90.7031, 63.7401,
241.1740

■ 2.4369, 0.4240,
25.1892

■ 116.6767, 84.8774,
292.2568

■ 0.8636, 0.0000,
15.9978

■ 147.1881,
110.2366, 350.0870

■ 0.0000, 0.0000,
9.3683

182.6028,

■ 0.0000, 0.0000,

140.2019, 415.0830

4.8821

223.2861,
175.1579, 487.6634

■ 0.0000, 0.0000,
2.1207

■ 0.0000, 0.0000,
0.6281

■ 24.8810, 13.7211,
95.9448

■ 24.8810, 13.7211,
95.9448

■ 21.7186, 10.3141,
95.4539

■ 29.3339, 18.7827,
96.6871

■ 19.6971, 8.3441,
95.1802

■ 35.1989, 25.6774,
97.7088

■ 18.9000, 7.6582,
95.0898

■ 42.5857, 34.5612,
99.0342

■ 51.5926, 45.5731,
100.6850

■ 62.3092, 58.8396,
102.6809

■ 74.8187, 74.4772,
105.0399

■ 89.1985, 92.5944,
107.7790

■ 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.



14.5147, 13.7211, 127.5899



24.8810, 13.7211, 95.9448



34.2610, 13.7211, 44.9256

Triad

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



24.8810, 13.7211, 95.9448



21.2837, 13.7211, 0.0000



2.5761, 13.7211, 19.3904

Complementary

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



24.8810, 13.7211, 95.9448



68.1339, 88.0923, 18.7224

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.



3.1108, 13.7211, 2.5764



24.8810, 13.7211, 95.9448



11.6715, 13.7211, 0.0000

Square

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



24.8810, 13.7211, 95.9448



31.6261, 13.7211, 0.9514



5.7190, 13.7211, 0.0000



3.6900, 13.7211, 61.2692

Rectangle

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



24.8810, 13.7211, 95.9448



37.1508, 13.7211, 19.4476



5.7190, 13.7211, 0.0000



2.5766, 13.7211, 11.1889

Sweetspot

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



24.8818, 13.7213, 95.9448



64.3384, 61.3666, 103.0617



47.7790, 63.2419, 104.2964



13.0939, 12.2921, 21.9324



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.



24.8818, 13.7213, 95.9448



20.7246, 9.3108, 95.3126



41.0928, 22.0784, 96.7035



17.2639, 17.5123, 22.7202



9.9528, 4.0413, 49.6901



1.0414, 0.4308, 4.8415

Inverse Universe

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



56.9731, 30.7645, 74.8795



54.6874, 27.4063, 70.3772



46.4142, 76.8954, 17.7059



18.6651, 18.2494, 22.1196



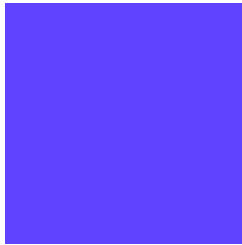
28.0472, 13.7082, 35.2284



2.7619, 1.3471, 3.5938

Previews

White Background



This preview shows how the XYZ color 24.8810, 13.7211, 95.9448 looks on a white background.

Color Contrast Check

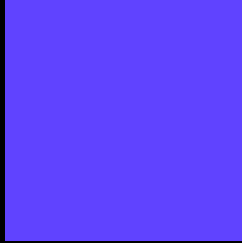
Large Text (above 18pt) WCAG AA ✓ Pass

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 24.8810, 13.7211, 95.9448 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

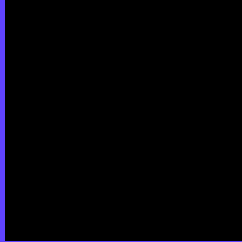
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 24.8810, 13.7211, 95.9448

Background



This preview shows how black text looks on a background with the XYZ color 24.8810, 13.7211, 95.9448.



This preview shows how white text looks on a background with the XYZ color 24.8810, 13.7211,

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

24.8810, 13.7211, 95.9448

Deuteranopia

13.2907, 13.5627, 44.5652

Tritanopia

9.6676, 13.5034, 20.8358

Trichromacy



Original Color

24.8810, 13.7211, 95.9448

Deuteranomaly

15.7828, 12.5166, 60.6156

Tritanomaly

12.4621, 11.9210, 40.1722

Monochromacy



Original Color

24.8810, 13.7211, 95.9448

Achromatopsia

11.3621, 11.9538, 13.0177

Achromatomaly

14.0903, 11.5301, 32.0547

CSS Examples

Text

The CSS property to change the color of the text to XYZ 24.8810, 13.7211, 95.9448 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(96, 67, 255) looks like.

```
.text, #text, p{  
    color:rgb(96, 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(96, 67, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(96, 67, 255) }
```

Border

The CSS property to change the border of an element to XYZ 24.8810, 13.7211, 95.9448 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(96, 67, 255) }
```

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

```
.border{ border-color:rgb(96, 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(96, 67, 255) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(96, 67, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(96, 67, 255);  
box-shadow:4px 4px 4px 4px rgb(96, 67,  
255) }
```


Background

The CSS property to change the background color of an element to XYZ 24.8810, 13.7211, 95.9448 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(96, 67, 255) }
```

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

```
.background{ background-color: rgb(96, 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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