

Converting Colors

XYZ(24.8708, 16.3801, 86.6449)

Have a look what the booklet for
XYZ(24.8708, 16.3801, 86.6449)
contains.

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Color

**XYZ(24.8708, 16.3801,
86.6449)**

Conversions

Conversions Part 1

Format	Color
Hex	625AF3
RGB	98, 90, 243
RGB Percent	38%, 35%, 95%
CMY	0.6157, 0.6471, 0.0471
CMYK	0.60, 0.63, 0.00, 0.05
HSL	243°, 86%, 65%
HSV	243°, 63%, 95%
XYZ	24.8708, 16.3801, 86.6449
YIQ	109.8340, -44.3450, 49.2790

Conversions

Conversions Part 2

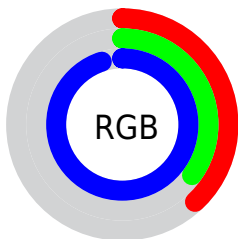
Format	Color
R_{YB}	98, 90, 243
Decimal	6445811
CIE _{Lab}	47.47, 46.23, -75.91
CIE _{LCh}	47, 88.876, 301.344
Yxy	16.3801, 0.1945, 0.1281
Android (android.graphics.Color)	4284635891 (0xFF625AF3)
YUV	109.8340, 65.6508, -10.3784
Hunter-Lab	40.4723, 38.8641, -98.5999

Details

The XYZ color **24.8708, 16.3801, 86.6449** is a dark color, and the websafe version is hex **6666FF**. The color can be described as middle muted purple. A complement of this color would be **68.1552, 82.5009, 22.0050**, and the grayscale version is **14.6016, 15.3620, 16.7292**.

A 20% lighter version of the original color is **42.2728, 33.8468, 98.9128**, and **9.7393, 5.2794, 46.9601** is the 20% darker color. If you saturate the color by 10%, you get **21.0085, 11.8276, 85.9702**, and if you desaturate by 10%, it is **30.1191, 22.6411, 87.5772**.

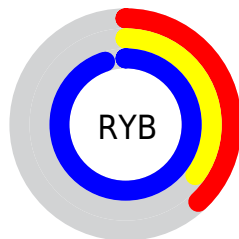
Distribution



Red (38%)

Green (35%)

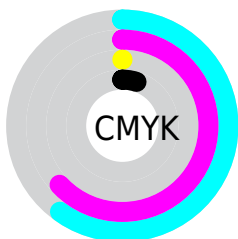
Blue (95%)



Red (38%)

Yellow (35%)

Blue (95%)

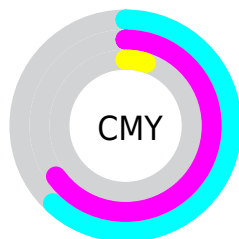


Cyan (60%)

Magenta (63%)

Yellow (0%)

Black (5%)



Cyan (62%)

Magenta (65%)

Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 24.8708, 16.3801, 86.6449 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 24.8708, 16.3801, 86.6449 by changing the saturation by 10% instead.

■ 24.8708, 16.3801,
86.6449

■ 24.8708, 16.3801,
86.6449

269.5534,
231.5743, 537.3412

■ 16.1090, 9.7935,
64.6434

■ 50.8920, 37.2568,
144.5636

■ 9.6927, 5.2623,
46.7225

■ 68.8821, 52.3158,
181.3179

■ 5.2564, 2.4020,
32.4636

■ 90.6790, 70.9676,
223.8269

■ 2.4348, 0.8269,
21.4481

■ 116.6481, 93.5968,
272.5091

■ 0.8625, 0.0000,
13.2575

■ 147.1547,
120.5876, 327.7831

■ 0.0000, 0.0000,
7.4733

182.5643,

■ 0.0000, 0.0000,

152.3245, 390.0674

3.6769

223.2420,
189.1920, 459.7806

■ 0.0000, 0.0000,
1.4498

■ 0.0000, 0.0000,
0.1801

■ 24.8708, 16.3801,
86.6449

■ 24.8708, 16.3801,
86.6449

■ 21.0085, 11.8276,
85.9702

■ 30.1191, 22.6411,
87.5772

■ 18.3982, 8.8135,
85.5260

■ 36.8653, 30.7559,
88.7879

■ 16.8842, 7.1352,
85.2818

■ 45.2131, 40.8557,
90.2974

■ 16.3396, 6.5545,
85.1984

■ 55.2560, 53.0596,
92.1237

■ 67.0804, 67.4772,
94.2834

■ 80.7668, 84.2105,
96.7919

■ 93.1777, 99.2511,
99.0409

Harmonies

Analogous

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



15.9275, 16.3801, 106.1006



24.8708, 16.3801, 86.6449



33.0404, 16.3801, 47.8440

Triad

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



24.8708, 16.3801, 86.6449



24.0376, 16.3801, 0.2694



4.7928, 16.3801, 18.8743

Complementary

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



24.8708, 16.3801, 86.6449



68.1552, 82.5009, 22.0050

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.



5.6889, 16.3801, 4.0587



24.8708, 16.3801, 86.6449



15.2155, 16.3801, 0.0000

Square

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



24.8708, 16.3801, 86.6449



32.4560, 16.3801, 3.4354



8.9345, 16.3801, 0.4152



5.8728, 16.3801, 51.3352

Rectangle

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



24.8708, 16.3801, 86.6449



35.9031, 16.3801, 25.2069



8.9345, 16.3801, 0.4152



4.8701, 16.3801, 12.0621

Sweetspot

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



24.8717, 16.3805, 86.6454



66.5726, 65.1957, 103.6830



50.2030, 68.2624, 95.3245



13.4710, 13.0063, 22.0504



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.



24.8717, 16.3805, 86.6454



22.3531, 11.9314, 95.7326



37.3230, 22.7994, 87.2281



15.6614, 15.9681, 20.7993



9.0008, 3.6144, 46.7613



0.8188, 0.3320, 4.1112

Inverse Universe

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



55.6131, 32.3650, 81.9086



59.3792, 31.2028, 89.1659



48.1647, 72.1954, 21.0695



17.1740, 16.7524, 20.6627



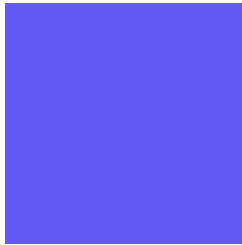
28.1631, 13.6087, 42.4290



2.4866, 1.2006, 3.7885

Previews

White Background



This preview shows how the XYZ color 24.8708, 16.3801, 86.6449 looks on a white background.

Color Contrast Check

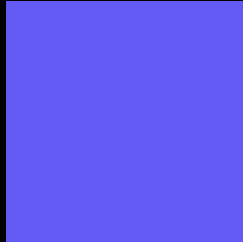
Large Text (above 18pt) WCAG AA ✓ Pass

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 24.8708, 16.3801, 86.6449 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

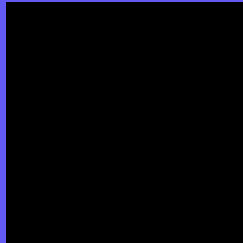
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 24.8708, 16.3801, 86.6449

Background



This preview shows how black text looks on a background with the XYZ color 24.8708, 16.3801, 86.6449.



This preview shows how white text looks on a background with the XYZ color 24.8708, 16.3801,

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

24.8708, 16.3801, 86.6449

Protanopia

19.5054, 16.3823, 76.2628

Deuteranopia

16.2088, 16.2927, 55.1138



Tritanopia

12.3433, 16.2134, 24.3087

Trichromacy



Original Color

24.8708, 16.3801, 86.6449

Protanomaly

20.2325, 15.6229, 79.7911

Deuteranomaly

18.0192, 15.5382, 65.6678

Tritanomaly

15.2691, 15.2887, 41.1760

Monochromacy



Original Color

24.8708, 16.3801, 86.6449

Achromatopsia

14.8208, 15.5926, 16.9804

Achromatomaly

16.9657, 15.2333, 34.3939

CSS Examples

Text

The CSS property to change the color of the text to XYZ 24.8708, 16.3801, 86.6449 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, 90, 243) looks like.

```
.text, #text, p{  
    color:rgb(98, 90, 243)  
}
```

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, 90, 243) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(98, 90, 243) }
```

Border

The CSS property to change the border of an element to XYZ 24.8708, 16.3801, 86.6449 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, 90, 243) }
```


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

```
.border{ border-color:rgb(98, 90, 243) }
```

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

Here you see how a box with a 4 pixel `rgb(98, 90, 243)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(98, 90, 243); -webkit-box-  
shadow:4px 4px 4px 4px rgb(98, 90, 243);  
box-shadow:4px 4px 4px 4px rgb(98, 90,  
243) }
```

Background

The CSS property to change the background color of an element to XYZ 24.8708, 16.3801, 86.6449 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(98, 90, 243) }
```

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

```
.background{ background-color: rgb(98, 90,  
243) }
```

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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