

Converting Colors

XYZ(24.9211, 14.8975, 96.1698)

Have a look what the booklet for
XYZ(24.9211, 14.8975, 96.1698)
contains.

XYZ(24.9658, 14.9358, 96.1748)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(24.9658, 14.9358,
96.1748)**

Conversions

Conversions Part 1

Format	Color
Hex	594FFF
RGB	89, 79, 255
RGB Percent	35%, 31%, 100%
CMY	0.6509, 0.6902, 0.0000
CMYK	0.65, 0.69, 0.00, 0.00
HSL	243°, 100%, 65%
HSV	243°, 69%, 100%
XYZ	24.9658, 14.9358, 96.1748
YIQ	102.0540, -50.5360, 56.8560

Conversions

Conversions Part 2

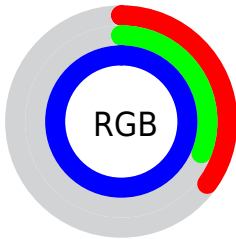
Format	Color
R_{YB}	89, 79, 255
Decimal	5853183
CIE _{Lab}	45.55, 54.93, -85.78
CIE _{LCh}	46, 101.860, 302.633
Yxy	14.9358, 0.1835, 0.1098
Android (android.graphics.Color)	4284043263 (0xFF594FFF)
YUV	102.0540, 75.4024, -11.4484
Hunter-Lab	38.6469, 47.6787, -120.4936

Details

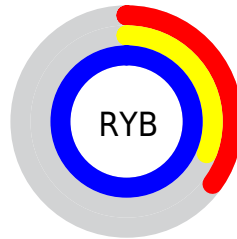
The XYZ color **24.9658, 14.9358, 96.1748** is a dark color, and the websafe version is hex **3333CC**. The color can be described as middle washed blue. A complement of this color would be **74.8236, 91.4950, 21.1136**, and the grayscale version is **12.4631, 13.1122, 14.2792**.

A 20% lighter version of the original color is **39.7429, 30.2532, 98.3525**, and **10.5680, 5.0112, 53.2336** is the 20% darker color. If you saturate the color by 10%, you get **21.5233, 10.9344, 95.5839**, and if you desaturate by 10%, it is **29.8683, 20.7359, 97.0359**.

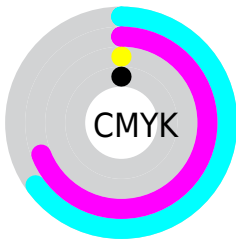
Distribution



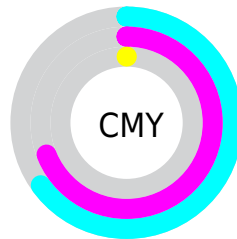
- Red (35%)
- Green (31%)
- Blue (100%)



- Red (35%)
- Yellow (31%)
- Blue (100%)



- Cyan (65%)
- Magenta (69%)
- Yellow (0%)
- Black (0%)





- Cyan (65%)
- Magenta (69%)
- Yellow (0%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 24.9658, 14.9358, 96.1748 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 24.9658, 14.9358, 96.1748 by changing the saturation by 10% instead.

 24.9658, 14.9358,
96.1748


 24.9658, 14.9358,
96.1748


270.0184,
222.9773, 568.9993


 16.1802, 8.7743,
72.5109


 51.0450, 34.7405,
157.8962


 9.7434, 4.5943,
53.0867

 69.0693, 49.1526,
196.7907


 5.2901, 2.0112,
37.4838


 90.9039, 67.0836,
241.5991

 2.4550, 0.6140,
25.2836

 116.9141, 88.9180,
292.7400

 0.8726, 0.0000,
16.0675

 147.4653,
115.0402, 350.6320

 0.0000, 0.0000,
9.4171

182.9229,

 0.0000, 0.0000,

145.8345, 415.6935

4.9137

223.6521,
181.6854, 488.3431

■ 0.0000, 0.0000,
2.1389

■ 0.0000, 0.0000,
0.6388

■ 24.9658, 14.9358,
96.1748

■ 24.9658, 14.9358,
96.1748

■ 21.5233, 10.9344,
95.5839

■ 29.8683, 20.7359,
97.0359

■ 19.3761, 8.5200,
95.2310

■ 36.3668, 28.5125,
98.1945

■ 18.3058, 7.3921,
95.0697

■ 44.5844, 38.4225,
99.6742

■ 18.2390, 7.3174,
95.0588

■ 54.6314, 50.6073,
101.4966

■ 66.6089, 65.1960,
103.6812

■ 80.6108, 82.3078,
106.2461

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.



14.9604, 14.9358, 122.2430



24.9658, 14.9358, 96.1748



34.2329, 14.9358, 48.6879

Triad

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



24.9658, 14.9358, 96.1748



23.1180, 14.9358, 0.0000



3.3254, 14.9358, 18.5098

Complementary

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



24.9658, 14.9358, 96.1748



74.8236, 91.4950, 21.1136

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.



4.0630, 14.9358, 2.8366



24.9658, 14.9358, 96.1748



13.4581, 14.9358, 0.0000

Square

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



24.9658, 14.9358, 96.1748



32.8999, 14.9358, 1.8253



7.0778, 14.9358, 0.0000



4.3980, 14.9358, 56.8444

Rectangle

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



24.9658, 14.9358, 96.1748



37.3727, 14.9358, 23.0374



7.0778, 14.9358, 0.0000



3.3703, 14.9358, 10.9661

Sweetspot

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



24.9666, 14.9361, 96.1748



64.0797, 62.1110, 103.2190



54.2909, 74.9154, 106.2064



12.9888, 12.4084, 21.9604



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.



24.9666, 14.9361, 96.1748



20.5236, 9.7966, 95.4170



38.7050, 22.0185, 96.8178



17.0986, 17.4270, 22.7125



9.5679, 3.8429, 49.6721



0.9637, 0.3907, 4.8379

Inverse Universe

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



60.5156, 33.4437, 89.6432



58.2885, 29.4820, 87.3819



51.3110, 79.3738, 20.0132



18.7454, 18.2815, 22.5425



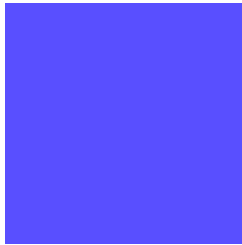
29.8249, 14.4193, 44.5901



2.9170, 1.4092, 4.4104

Previews

White Background



This preview shows how the XYZ color 24.9658, 14.9358, 96.1748 looks on a white background.

Color Contrast Check

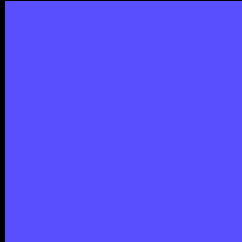
Large Text (above 18pt) WCAG AA ✓ Pass

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 24.9658, 14.9358, 96.1748 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 24.9658, 14.9358, 96.1748

Background



This preview shows how black text looks on a background with the XYZ color 24.9658, 14.9358, 96.1748.



This preview shows how white text looks on a background with the XYZ color 24.9658, 14.9358,

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

24.9658, 14.9358, 96.1748

Protanopia

17.5051, 14.7625, 68.2565

Deuteranopia

14.5456, 14.7397, 49.0921



Tritanopia

10.4931, 14.7522, 22.7165

Trichromacy



Original Color

24.9658, 14.9358, 96.1748



Protanomaly

19.0222, 14.0820, 77.3168



Deuteranomaly

16.9412, 13.9842, 64.0937



Tritanomaly

13.1860, 13.2637, 41.9096

Monochromacy



Original Color

24.9658, 14.9358, 96.1748



Achromatopsia

12.6291, 13.2868, 14.4694



Achromatomaly

15.1040, 13.0154, 34.0639

CSS Examples

Text

The CSS property to change the color of the text to XYZ 24.9658, 14.9358, 96.1748 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(89, 79, 255)` looks like.

```
.text, #text, p{  
    color:rgb(89, 79, 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(89, 79, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(89, 79, 255) }
```

Border

The CSS property to change the border of an element to XYZ 24.9658, 14.9358, 96.1748 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(89, 79, 255) }
```


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

```
.border{ border-color:rgb(89, 79, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(89, 79, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(89, 79, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(89, 79, 255);  
box-shadow:4px 4px 4px 4px rgb(89, 79,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 24.9658, 14.9358, 96.1748 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(89, 79, 255) }
```

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

```
.background{ background-color: rgb(89, 79,  
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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