

Converting Colors

XYZ(25.0774, 14.2553, 93.5155)

Have a look what the booklet for
XYZ(25.0774, 14.2553, 93.5155)
contains.

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Color

**XYZ(25.0795, 14.2441,
93.5230)**

Conversions

Conversions Part 1

Format	Color
Hex	6447FC
RGB	100, 71, 252
RGB Percent	39%, 28%, 99%
CMY	0.6078, 0.7216, 0.0118
CMYK	0.60, 0.72, 0.00, 0.01
HSL	250°, 97%, 63%
HSV	250°, 72%, 99%
XYZ	25.0795, 14.2441, 93.5230
YIQ	100.3050, -40.8170, 62.4390

Conversions

Conversions Part 2

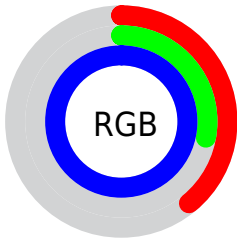
Format	Color
R _{YB}	100, 71, 252
Decimal	6572028
CIE Lab	44.58, 59.57, -85.66
CIE LCh	45, 104.343, 304.816
Yxy	14.2441, 0.1888, 0.1072
Android (android.graphics.Color)	4284762108 (0xFF6447FC)
YUV	100.3050, 74.7856, -0.2675
Hunter-Lab	37.7414, 52.5676, -120.5015

Details

The XYZ color **25.0795, 14.2441, 93.5230** 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 **66.3764, 85.7625, 19.0164**, and the grayscale version is **12.0142, 12.6399, 13.7648**.

A 20% lighter version of the original color is **40.6500, 29.3853, 98.1372**, and **9.9705, 4.3608, 51.3551** is the 20% darker color. If you saturate the color by 10%, you get **21.7517, 10.6223, 92.9997**, and if you desaturate by 10%, it is **29.6807, 19.5076, 94.2968**.

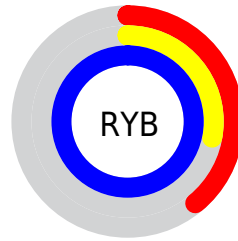
Distribution



Red (39%)

Green (28%)

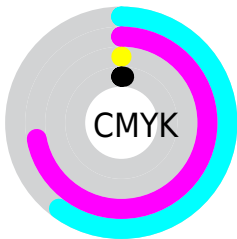
Blue (99%)



Red (39%)

Yellow (28%)

Blue (99%)

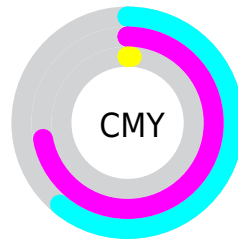


Cyan (60%)

Magenta (72%)

Yellow (0%)

Black (1%)



Cyan (61%)

Magenta (72%)

Yellow (1%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 25.0795, 14.2441, 93.5230 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 25.0795, 14.2441, 93.5230 by changing the saturation by 10% instead.

■ 25.0795, 14.2441,
93.5230

■ 25.0795, 14.2441,
93.5230

270.5740,
218.7441, 560.2887

■ 16.2653, 8.2906,
70.3162

■ 51.2281, 33.5215,
154.2005

■ 9.8041, 4.2815,
51.3060

■ 69.2933, 47.6143,
192.5082

■ 5.3306, 1.8322,
36.0737

■ 91.1729, 65.1889,
236.6866

■ 2.4792, 0.5071,
24.2010

■ 117.2322, 86.6298,
287.1544

■ 0.8848, 0.0000,
15.2692

■ 147.8366,
112.3214, 344.3299

■ 0.0000, 0.0000,
8.8598

183.3515,

■ 0.0000, 0.0000,

142.6481, 408.6318

4.5543

224.1421,
177.9942, 480.4785

■ 0.0000, 0.0000,
1.9341

■ 0.0000, 0.0000,
0.5143

■ 25.0795, 14.2441,
93.5230

■ 25.0795, 14.2441,
93.5230

■ 21.7517, 10.6223,
92.9997

■ 29.6807, 19.5076,
94.2968

■ 19.5583, 8.4402,
92.6941

■ 35.6689, 26.5802,
95.3464

■ 18.4610, 7.4873,
92.5680

■ 43.1474, 35.6097,
96.6951

■ 52.2090, 46.7280,
98.3635

■ 62.9388, 60.0555,
100.3705

■ 75.4157, 75.7035,
102.7332

■ 89.7135, 93.7755,
105.4679

■ 94.5708, 99.8083,
106.3764

Harmonies

Analogous

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



14.9473, 14.2441, 123.2303



25.0795, 14.2441, 93.5230



34.1766, 14.2441, 44.8877

Triad

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



25.0795, 14.2441, 93.5230



21.6857, 14.2441, 0.0000



2.9510, 14.2441, 19.7479

Complementary

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



25.0795, 14.2441, 93.5230



66.3764, 85.7625, 19.0164

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.



3.5224, 14.2441, 2.9470



25.0795, 14.2441, 93.5230



12.2213, 14.2441, 0.0000

Square

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



25.0795, 14.2441, 93.5230



31.7123, 14.2441, 1.2301



6.2257, 14.2441, 0.0000



4.1074, 14.2441, 60.0604

Rectangle

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



25.0795, 14.2441, 93.5230



36.9874, 14.2441, 20.0999



6.2257, 14.2441, 0.0000



2.9543, 14.2441, 11.6771

Sweetspot

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



25.0804, 14.2444, 93.5234



64.4323, 61.4150, 103.0661



47.0539, 62.1373, 101.6096



13.1157, 12.3033, 21.9335



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.



25.0804, 14.2444, 93.5234



21.2592, 9.7975, 95.3784



40.7234, 22.3087, 94.2555



16.5421, 16.7766, 21.7516



9.6953, 3.9408, 48.2232



0.9705, 0.4024, 4.4697

Inverse Universe

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



55.7162, 30.5290, 72.7616



54.7605, 27.6631, 70.0608



45.8351, 75.1731, 18.0551



17.8665, 17.4740, 21.1528



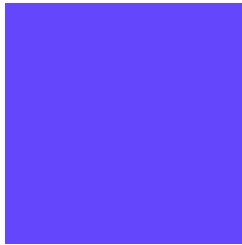
27.1228, 13.2649, 33.6849



2.5430, 1.2409, 3.2829

Previews

White Background



This preview shows how the XYZ color 25.0795, 14.2441, 93.5230 looks on a white background.

Color Contrast Check

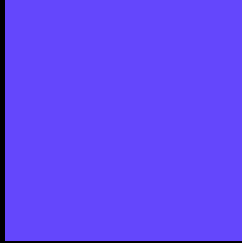
Large Text (above 18pt) WCAG AA ✓ Pass

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 25.0795, 14.2441, 93.5230 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

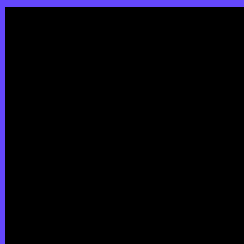
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 25.0795, 14.2441, 93.5230

Background



This preview shows how black text looks on a background with the XYZ color 25.0795, 14.2441, 93.5230.

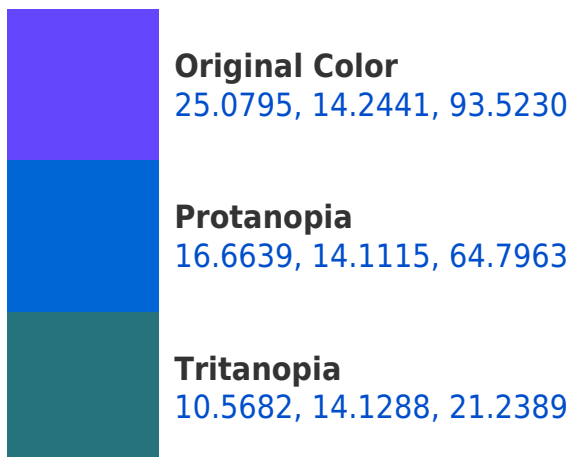


This preview shows how white text looks on a background with the XYZ color 25.0795, 14.2441,

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

25.0795, 14.2441, 93.5230



Protanomaly

18.2488, 13.2334, 74.2655



Tritanomaly

13.7370, 12.8561, 40.2855

Monochromacy



Original Color

25.0795, 14.2441, 93.5230



Achromatopsia

12.1130, 12.7438, 13.8780



Achromatomaly

14.7443, 12.2206, 32.5921

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.0795, 14.2441, 93.5230 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(100, 71, 252)` looks like.

```
.text, #text, p{  
    color:rgb(100, 71, 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(100, 71, 252) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(100, 71, 252) }
```

Border

The CSS property to change the border of an element to XYZ 25.0795, 14.2441, 93.5230 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(100, 71, 252) }
```

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

```
.border{ border-color:rgb(100, 71, 252) }
```

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

Here you see how a box with a 4 pixel rgb(100, 71, 252) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(100, 71, 252); -webkit-box-  
shadow:4px 4px 4px 4px rgb(100, 71, 252);  
box-shadow:4px 4px 4px 4px rgb(100, 71,  
252) }
```


Background

The CSS property to change the background color of an element to XYZ 25.0795, 14.2441, 93.5230 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(100, 71, 252) }
```

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

```
.background{ background-color: rgb(100, 71,  
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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