

Converting Colors

XYZ(25.5130, 12.3688, 95.6505)

Have a look what the booklet for
XYZ(25.5130, 12.3688, 95.6505)
contains.

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Color

**XYZ(25.4694, 12.3273,
95.6448)**

Conversions

Conversions Part 1

| Format | Color |
|---------------|----------------------------|
| Hex | 6F2BFF |
| RGB | 111, 43, 255 |
| RGB Percent | 44%, 17%, 100% |
| CMY | 0.5647, 0.8314, 0.0000 |
| CMYK | 0.56, 0.83, 0.00, 0.00 |
| HSL | 259°, 100%, 58% |
| HSV | 259°, 83%, 100% |
| XYZ | 25.4694, 12.3273, 95.6448 |
| YIQ | 87.5000, -27.5240, 80.3480 |

Conversions

Conversions Part 2

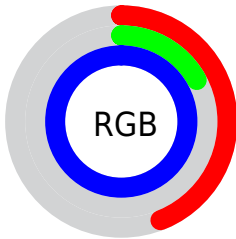
| Format | Color |
|-------------------------------------|--------------------------------|
| R _Y B | 111, 43, 255 |
| Decimal | 7285759 |
| CIE Lab | 41.73, 73.51, -92.00 |
| CIE LCh | 42, 117.764, 308.624 |
| Yxy | 12.3273, 0.1909, 0.0924 |
| Android (android.graphics.Color) | 4285475839 (0xFF6F2BFF) |
| YUV | 87.5000, 82.5775, 20.6095 |
| Hunter-Lab | 35.1103, 68.0431, -136.9363 |

Details

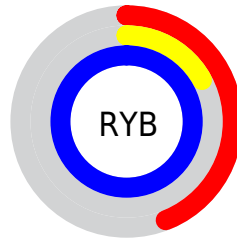
The XYZ color **25.4694, 12.3273, 95.6448** is a dark color, and the websafe version is hex **6633FF**. The color can be described as dark washed purple. A complement of this color would be **56.6873, 82.2580, 15.1749**, and the grayscale version is **8.9989, 9.4676, 10.3102**.

A 20% lighter version of the original color is **40.5117, 25.5644, 97.4070**, and **10.4314, 4.2134, 53.0868** is the 20% darker color. If you saturate the color by 10%, you get **22.8423, 9.9997, 95.3339**, and if you desaturate by 10%, it is **29.0986, 16.0292, 96.1680**.

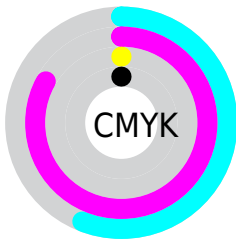
Distribution



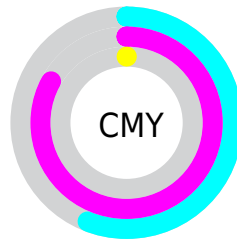
- Red (44%)
- Green (17%)
- Blue (100%)



- Red (44%)
- Yellow (17%)
- Blue (100%)



- Cyan (56%)
- Magenta (83%)
- Yellow (0%)
- Black (0%)





- Cyan (56%)
- Magenta (83%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 25.4694, 12.3273, 95.6448 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 25.4694, 12.3273, 95.6448 by changing the saturation by 10% instead.


 25.4694, 12.3273,
95.6448


 25.4694, 12.3273,
95.6448

272.4723,
206.5602, 567.2642


 16.5577, 6.9670,
72.0719


 51.8551, 30.0898,
157.1584


 10.0130, 3.4415,
52.7302


 70.0599, 43.2608,
195.9361


 5.4699, 1.3663,
37.2012


 92.0931, 59.8042,
240.6192

 2.5631, 0.1917,
25.0663

 118.3200, 80.1043,
291.6262

 0.9272, 0.0000,
15.9070

 149.1060,
104.5456, 349.3757

 0.0000, 0.0000,
9.3047

 184.8165,

 0.0000, 0.0000,

133.5124, 414.2861

4.8410

225.8168,
167.3891, 486.7761

■ 0.0000, 0.0000,
2.0971

■ 0.0000, 0.0000,
0.6141

■ 25.4694, 12.3273,
95.6448

■ 25.4694, 12.3273,
95.6448

■ 22.8423, 9.9997,
95.3339

■ 29.0986, 16.0292,
96.1680

■ 21.5125, 9.0050,
95.2120

■ 33.8437, 21.3036,
96.9360

■ 39.8035, 28.3153,
97.9753

■ 47.0640, 37.2076,
99.3090

■ 55.7030, 48.1085,
100.9578

■ 65.7917, 61.1345,
102.9403

■ 77.3963, 76.3928,
105.2738

■ 90.5785, 93.9836,
107.9744

■ 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.



14.3922, 12.3273, 137.1038



25.4694, 12.3273, 95.6448



35.0362, 12.3273, 39.3515

Triad

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



25.4694, 12.3273, 95.6448



18.8859, 12.3273, 0.0000



1.7652, 12.3273, 21.9079

Complementary

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



25.4694, 12.3273, 95.6448



56.6873, 82.2580, 15.1749

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.



2.0501, 12.3273, 2.4696



25.4694, 12.3273, 95.6448



9.3953, 12.3273, 0.0000

Square

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



25.4694, 12.3273, 95.6448



30.1100, 12.3273, 0.0000



4.0986, 12.3273, 0.0000



2.9335, 12.3273, 70.5267

Rectangle

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



25.4694, 12.3273, 95.6448



37.4551, 12.3273, 14.5995



4.0986, 12.3273, 0.0000



1.7138, 12.3273, 12.3102

Sweetspot

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



25.4702, 12.3275, 95.6448



63.8005, 58.5433, 102.5451



37.0007, 43.6427, 101.0815



12.8819, 11.5287, 21.7962



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.



25.4702, 12.3275, 95.6448



21.5125, 9.0050, 95.2120



47.2720, 23.5667, 96.6651



17.5515, 17.6605, 22.7337



11.3777, 4.7759, 49.7568



1.2161, 0.5208, 4.8497

Inverse Universe

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



51.0724, 26.5750, 49.4462



48.8020, 24.2848, 41.7507



39.6639, 73.4822, 14.3782



18.5302, 18.1954, 21.4091



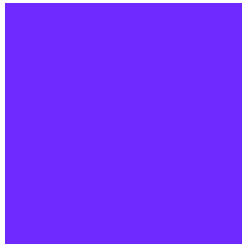
25.5712, 12.7178, 22.1903



2.5397, 1.2582, 2.4234

Previews

White Background



This preview shows how the XYZ color 25.4694, 12.3273, 95.6448 looks on a white background.

Color Contrast Check

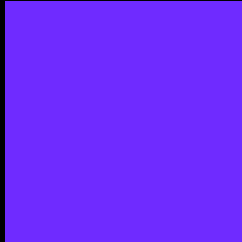
Large Text (above 18pt) WCAG AA ✓ Pass

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 25.4694, 12.3273, 95.6448 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

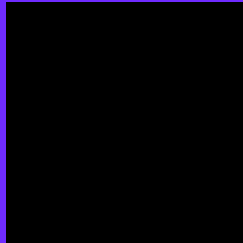
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 25.4694, 12.3273, 95.6448

Background



This preview shows how black text looks on a background with the XYZ color 25.4694, 12.3273, 95.6448.



This preview shows how white text looks on a background with the XYZ color 25.4694, 12.3273,

95.6448.

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

25.4694, 12.3273, 95.6448

Protanopia

14.4010, 12.3079, 55.6495

Deuteranopia

11.9094, 12.2096, 39.7592



Tritanopia

9.8338, 12.2176, 17.7595

Trichromacy



Original Color

25.4694, 12.3273, 95.6448

Protanomaly

16.2457, 10.7345, 68.2336

Deuteranomaly

14.2863, 10.4055, 56.5138

Tritanomaly

12.8694, 10.3290, 36.9127

Monochromacy



Original Color

25.4694, 12.3273, 95.6448

Achromatopsia

9.2757, 9.7587, 10.6273

Achromatomaly

12.5661, 9.2915, 29.5649

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.4694, 12.3273, 95.6448 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(111, 43, 255)` looks like.

```
.text, #text, p{  
    color:rgb(111, 43, 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(111, 43, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(111, 43, 255) }
```

Border

The CSS property to change the border of an element to XYZ 25.4694, 12.3273, 95.6448 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(111, 43, 255) }
```


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

```
.border{ border-color:rgb(111, 43, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(111, 43, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(111, 43, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(111, 43, 255);  
box-shadow:4px 4px 4px 4px rgb(111, 43,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 25.4694, 12.3273, 95.6448 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(111, 43, 255) }
```

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

```
.background{ background-color: rgb(111, 43,  
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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