

Converting Colors

XYZ(25.1623, 12.8725, 95.7662)

Have a look what the booklet for
XYZ(25.1623, 12.8725, 95.7662)
contains.

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Color

**XYZ(25.1949, 12.8616,
95.7624)**

Conversions

Conversions Part 1

Format	Color
Hex	6936FF
RGB	105, 54, 255
RGB Percent	41%, 21%, 100%
CMY	0.5882, 0.7882, 0.0000
CMYK	0.59, 0.79, 0.00, 0.00
HSL	255°, 100%, 61%
HSV	255°, 79%, 100%
XYZ	25.1949, 12.8616, 95.7624
YIQ	92.1630, -34.1250, 73.3230

Conversions

Conversions Part 2

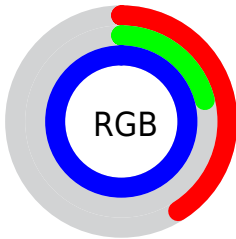
Format	Color
R _Y B	105, 54, 255
Decimal	6895359
CIE Lab	42.55, 68.80, -90.67
CIE LCh	43, 113.815, 307.193
Yxy	12.8616, 0.1883, 0.0961
Android (android.graphics.Color)	4285085439 (0xFF6936FF)
YUV	92.1630, 80.2786, 11.2580
Hunter-Lab	35.8631, 62.6413, -133.2134

Details

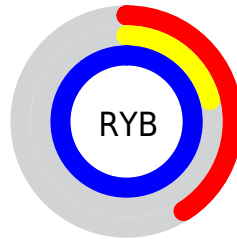
The XYZ color **25.1949, 12.8616, 95.7624** is a dark color, and the websafe version is hex **6633FF**. The color can be described as middle washed purple. A complement of this color would be **61.3247, 84.6222, 16.5913**, and the grayscale version is **10.0374, 10.5601, 11.5000**.

A 20% lighter version of the original color is **39.9901, 26.4912, 97.6133**, and **10.0780, 4.0312, 53.0703** is the 20% darker color. If you saturate the color by 10%, you get **22.3130, 10.0517, 95.3719**, and if you desaturate by 10%, it is **29.1995, 17.1718, 96.3832**.

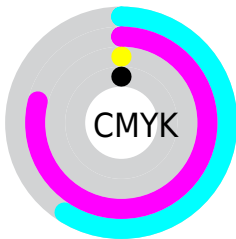
Distribution



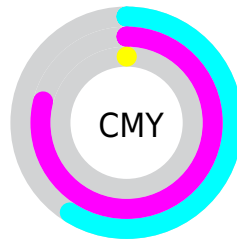
- Red (41%)
- Green (21%)
- Blue (100%)



- Red (41%)
- Yellow (21%)
- Blue (100%)



- Cyan (59%)
- Magenta (79%)
- Yellow (0%)
- Black (0%)





- Cyan (59%)
- Magenta (79%)
- Yellow (0%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 25.1949, 12.8616, 95.7624 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 25.1949, 12.8616, 95.7624 by changing the saturation by 10% instead.


 25.1949, 12.8616,
95.7624

 25.1949, 12.8616,
95.7624


271.1369,
210.0288, 567.6494


 16.3518, 7.3333,
72.1693


 51.4138, 31.0549,
157.3221

 9.8659, 3.6714,
52.8093


 69.5204, 44.4887,
196.1258


 5.3717, 1.4915,
37.2639


 91.4456, 61.3265,
240.8367

 2.5039, 0.2827,
25.1145

 117.5546, 81.9527,
291.8735

 0.8972, 0.0000,
15.9426

 148.2129,
106.7516, 349.6546

 0.0000, 0.0000,
9.3296

 183.7858,

 0.0000, 0.0000,

136.1076, 414.5986

4.8571

224.6387,
170.4052, 487.1240

■ 0.0000, 0.0000,
2.1064

■ 0.0000, 0.0000,
0.6196

■ 25.1949, 12.8616,
95.7624

■ 25.1949, 12.8616,
95.7624

■ 22.3130, 10.0517,
95.3719

■ 29.1995, 17.1718,
96.3832

■ 20.3939, 8.4766,
95.1690

■ 34.4403, 23.1681,
97.2644

■ 20.2111, 8.3341,
95.1511

■ 41.0183, 31.0091,
98.4312

■ 49.0228, 40.8346,
99.9058

■ 58.5349, 52.7705,
101.7083

■ 69.6296, 66.9322,
103.8571

■ 82.3766, 83.4268,
106.3690

■ 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.



14.4145, 12.8616, 133.1516



25.1949, 12.8616, 95.7624



34.6852, 12.8616, 41.5553

Triad

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



25.1949, 12.8616, 95.7624



19.8210, 12.8616, 0.0000



2.0628, 12.8616, 20.8114

Complementary

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



25.1949, 12.8616, 95.7624



61.3247, 84.6222, 16.5913

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.



2.4386, 12.8616, 2.4991



25.1949, 12.8616, 95.7624



10.2685, 12.8616, 0.0000

Square

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



25.1949, 12.8616, 95.7624



30.6981, 12.8616, 0.3193



4.7049, 12.8616, 0.0000



3.2162, 12.8616, 66.5813

Rectangle

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



25.1949, 12.8616, 95.7624



37.2999, 12.8616, 16.4538



4.7049, 12.8616, 0.0000



2.0293, 12.8616, 11.8105

Sweetspot

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



25.1957, 12.8618, 95.7624



63.6857, 59.3183, 102.7007



41.3426, 51.5470, 102.3783



12.8095, 11.6507, 21.8236



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.



25.1957, 12.8618, 95.7624



21.0324, 8.9664, 95.2299



44.4768, 22.8016, 96.6647



17.4350, 17.6005, 22.7283



10.6759, 4.4141, 49.7239



1.1351, 0.4791, 4.8459

Inverse Universe

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



53.4568, 28.2572, 59.7567



51.0647, 25.4151, 52.9718



42.1635, 74.7442, 15.6945



18.5842, 18.2170, 21.6933



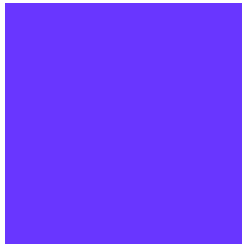
26.4851, 13.0833, 27.0027



2.6228, 1.2915, 2.8612

Previews

White Background



This preview shows how the XYZ color 25.1949, 12.8616, 95.7624 looks on a white background.

Color Contrast Check

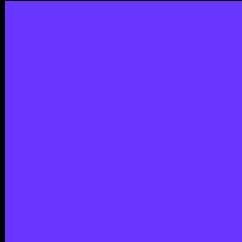
Large Text (above 18pt) WCAG AA ✓ Pass

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 25.1949, 12.8616, 95.7624 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

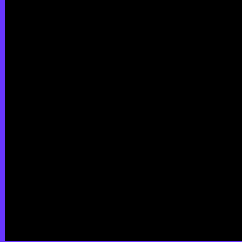
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 25.1949, 12.8616, 95.7624

Background



This preview shows how black text looks on a background with the XYZ color 25.1949, 12.8616, 95.7624.



This preview shows how white text looks on a background with the XYZ color 25.1949, 12.8616,

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

25.1949, 12.8616, 95.7624

Protanopia

14.9624, 12.6775, 58.1583

Deuteranopia

12.3931, 12.7176, 41.3367



Tritanopia

9.7617, 12.7795, 18.7818

Trichromacy



Original Color

25.1949, 12.8616, 95.7624

Protanomaly

16.9266, 11.5709, 70.4485

Deuteranomaly

14.8273, 11.2209, 57.8843

Tritanomaly

12.8622, 11.1281, 38.0292

Monochromacy



Original Color

25.1949, 12.8616, 95.7624

Achromatopsia

10.1725, 10.7023, 11.6548

Achromatomaly

13.2401, 10.2245, 30.5539

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.1949, 12.8616, 95.7624 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(105, 54, 255)` looks like.

```
.text, #text, p{  
    color:rgb(105, 54, 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(105, 54, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(105, 54, 255) }
```

Border

The CSS property to change the border of an element to XYZ 25.1949, 12.8616, 95.7624 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(105, 54, 255) }
```


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

```
.border{ border-color:rgb(105, 54, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(105, 54, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(105, 54, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(105, 54, 255);  
box-shadow:4px 4px 4px 4px rgb(105, 54,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 25.1949, 12.8616, 95.7624 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(105, 54, 255) }
```

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

```
.background{ background-color: rgb(105, 54,  
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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