

Converting Colors

XYZ(25.9146, 13.0317, 95.7573)

Have a look what the booklet for
XYZ(25.9146, 13.0317, 95.7573)
contains.

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Color

**XYZ(25.9159, 13.0324,
95.7573)**

Conversions

Conversions Part 1

Format	Color
Hex	7033FF
RGB	112, 51, 255
RGB Percent	44%, 20%, 100%
CMY	0.5608, 0.8000, 0.0000
CMYK	0.56, 0.80, 0.00, 0.00
HSL	258°, 100%, 60%
HSV	258°, 80%, 100%
XYZ	25.9159, 13.0324, 95.7573
YIQ	92.4950, -29.1280, 76.3760

Conversions

Conversions Part 2

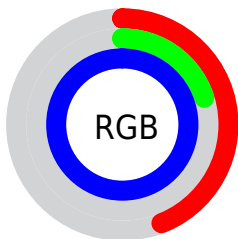
Format	Color
R _{YB}	112, 51, 255
Decimal	7353343
CIE Lab	42.81, 70.72, -90.22
CIE LCh	43, 114.634, 308.094
Yxy	13.0324, 0.1924, 0.0967
Android (android.graphics.Color)	4285543423 (0xFF7033FF)
YUV	92.4950, 80.1150, 17.1059
Hunter-Lab	36.1004, 64.9665, -131.9980

Details

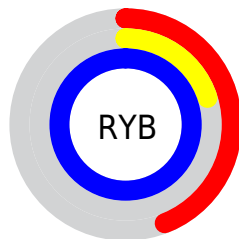
The XYZ color **25.9159, 13.0324, 95.7573** is a dark color, and the websafe version is hex **6633FF**. The color can be described as middle washed purple. A complement of this color would be **58.6032, 83.2271, 16.1074**, and the grayscale version is **10.1129, 10.6396, 11.5865**.

A 20% lighter version of the original color is **41.3355, 26.8752, 97.6165**, and **10.5569, 4.2781, 53.0927** is the 20% darker color. If you saturate the color by 10%, you get **23.0381, 10.3235, 95.3861**, and if you desaturate by 10%, it is **29.8565, 17.1941, 96.3529**.

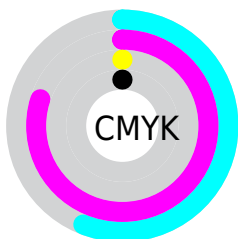
Distribution



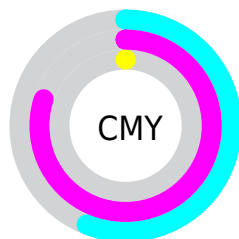
- Red (44%)
- Green (20%)
- Blue (100%)



- Red (44%)
- Yellow (20%)
- Blue (100%)



- Cyan (56%)
- Magenta (80%)
- Yellow (0%)
- Black (0%)





- Cyan (56%)
- Magenta (80%)
- Yellow (0%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 25.9159, 13.0324, 95.7573 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 25.9159, 13.0324, 95.7573 by changing the saturation by 10% instead.


 25.9159, 13.0324,
95.7573


 25.9159, 13.0324,
95.7573


274.6333,
211.1252, 567.6327


 16.8931, 7.4509,
72.1651


 52.5715, 31.3620,
157.3150

 10.2531, 3.7456,
52.8059


 70.9350, 44.8788,
196.1175


 5.6307, 1.5323,
37.2612


 93.1428, 61.8095,
240.8273

 2.6603, 0.3113,
25.1124

 119.5602, 82.5385,
291.8628

 0.9768, 0.0000,
15.9410

 150.5526,
107.4502, 349.6425

 0.0000, 0.0000,
9.3285

 186.4853,

 0.0000, 0.0000,

136.9289, 414.5850

4.8564

227.7238,
171.3591, 487.1089

■ 0.0000, 0.0000,
2.1060

■ 0.0000, 0.0000,
0.6193

■ 25.9159, 13.0324,
95.7573

■ 25.9159, 13.0324,
95.7573

■ 23.0381, 10.3235,
95.3861

■ 29.8565, 17.1941,
96.3529

■ 21.0512, 8.7672,
95.1905

■ 34.9696, 22.9953,
97.2032

■ 41.3520, 30.5945,
98.3336

■ 49.0891, 40.1307,
99.7665

■ 58.2584, 51.7290,
101.5219

■ 68.9311, 65.5036,
103.6181

■ 81.1738, 81.5604,
106.0721

95.0486, 99.9982,
108.8997

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.



14.9068, 13.0324, 135.0621



25.9159, 13.0324, 95.7573



35.4341, 13.0324, 40.7827

Triad

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



25.9159, 13.0324, 95.7573



19.7735, 13.0324, 0.0000



2.0868, 13.0324, 22.1022

Complementary

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



25.9159, 13.0324, 95.7573



58.6032, 83.2271, 16.1074

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.



2.4224, 13.0324, 2.7433



25.9159, 13.0324, 95.7573



10.1683, 13.0324, 0.0000

Square

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



25.9159, 13.0324, 95.7573



30.8767, 13.0324, 0.2160



4.6428, 13.0324, 0.0000



3.3102, 13.0324, 69.4062

Rectangle

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



25.9159, 13.0324, 95.7573



37.9161, 13.0324, 15.8514



4.6428, 13.0324, 0.0000



2.0390, 13.0324, 12.6490

Sweetspot

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



25.9167, 13.0326, 95.7573



64.4783, 59.7269, 102.7378



39.4267, 47.9468, 101.7844



12.9964, 11.7471, 21.8324



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.



25.9167, 13.0326, 95.7573



21.7643, 9.2991, 95.2555



46.0403, 23.4067, 96.6991



17.5136, 17.6410, 22.7319



11.1300, 4.6482, 49.7452



1.1881, 0.5064, 4.8484

Inverse Universe

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



52.1603, 27.5221, 53.5966



49.7725, 24.8501, 46.3154



41.0974, 74.2025, 15.2882



18.5476, 18.2024, 21.5010



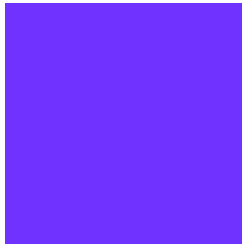
25.8557, 12.8316, 23.6882



2.5657, 1.2687, 2.5606

Previews

White Background



This preview shows how the XYZ color 25.9159, 13.0324, 95.7573 looks on a white background.

Color Contrast Check

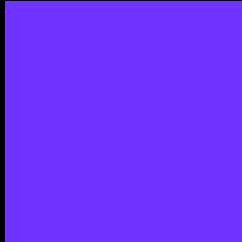
Large Text (above 18pt) WCAG AA ✓ Pass

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 25.9159, 13.0324, 95.7573 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

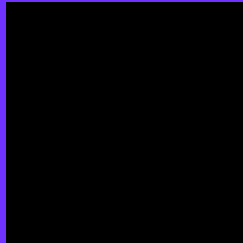
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 25.9159, 13.0324, 95.7573

Background



This preview shows how black text looks on a background with the XYZ color 25.9159, 13.0324, 95.7573.



This preview shows how white text looks on a background with the XYZ color 25.9159, 13.0324,

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

25.9159, 13.0324, 95.7573

Protanopia

15.1738, 12.9090, 58.8187

Deuteranopia

12.5881, 12.7956, 42.3638



Tritanopia

10.4394, 12.9782, 18.4778

Trichromacy



Original Color

25.9159, 13.0324, 95.7573



Protanomaly

17.1024, 11.5365, 71.1374



Deuteranomaly

14.9839, 11.1717, 58.4934



Tritanomaly

13.6915, 11.3119, 38.0210

Monochromacy



Original Color

25.9159, 13.0324, 95.7573



Achromatopsia

10.1725, 10.7023, 11.6548



Achromatomaly

13.3854, 10.1948, 30.5405

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.9159, 13.0324, 95.7573 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(112, 51, 255)` looks like.

```
.text, #text, p{  
    color:rgb(112, 51, 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(112, 51, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(112, 51, 255) }
```

Border

The CSS property to change the border of an element to XYZ 25.9159, 13.0324, 95.7573 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(112, 51, 255) }
```


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

```
.border{ border-color:rgb(112, 51, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(112, 51, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(112, 51, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(112, 51, 255);  
box-shadow:4px 4px 4px 4px rgb(112, 51,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 25.9159, 13.0324, 95.7573 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(112, 51, 255) }
```

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

```
.background{ background-color: rgb(112, 51,  
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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