

Converting Colors

XYZ(29.1609, 14.5487,
111.6762)

Have a look what the booklet for
XYZ(29.1609, 14.5487, 111.6762)
contains.

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Color

**XYZ(26.1792, 13.3690,
95.8084)**

Conversions

Conversions Part 1

Format	Color
Hex	7136FF
RGB	113, 54, 255
RGB Percent	44%, 21%, 100%
CMY	0.5568, 0.7882, 0.0000
CMYK	0.56, 0.79, 0.00, 0.00
HSL	258°, 100%, 61%
HSV	258°, 79%, 100%
XYZ	26.1792, 13.3690, 95.8084
YIQ	94.5550, -29.3570, 75.0190

Conversions

Conversions Part 2

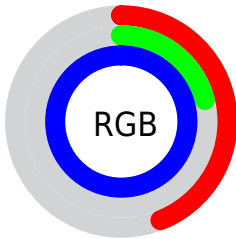
Format	Color
R _Y B	113, 54, 255
Decimal	7419647
CIE Lab	43.31, 69.65, -89.39
CIE LCh	43, 113.321, 307.928
Yxy	13.3690, 0.1934, 0.0988
Android (android.graphics.Color)	4285609727 (0xFF7136FF)
YUV	94.5550, 79.0994, 16.1763
Hunter-Lab	36.5636, 63.8178, -129.7641

Details

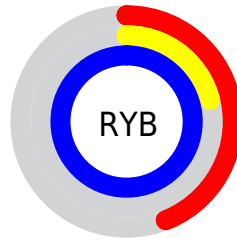
The XYZ color **26.1792, 13.3690, 95.8084** is a dark color, and the websafe version is hex **6633FF**. The color can be described as middle washed purple. A complement of this color would be **59.1882, 83.5208, 16.4913**, and the grayscale version is **10.5944, 11.1462, 12.1382**.

A 20% lighter version of the original color is **41.6501, 27.5044, 97.7214**, and **10.6431, 4.3225, 53.0967** is the 20% darker color. If you saturate the color by 10%, you get **23.1958, 10.5068, 95.4132**, and if you desaturate by 10%, it is **30.2453, 17.7109, 96.4322**.

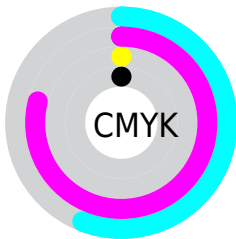
Distribution



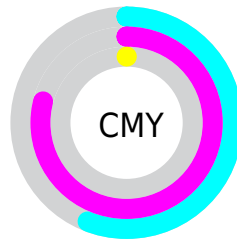
- Red (44%)
- Green (21%)
- Blue (100%)



- Red (44%)
- Yellow (21%)
- Blue (100%)



- Cyan (56%)
- Magenta (79%)
- Yellow (0%)
- Black (0%)





- Cyan (56%)
- Magenta (79%)
- Yellow (0%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 26.1792, 13.3690, 95.8084 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 26.1792, 13.3690, 95.8084 by changing the saturation by 10% instead.


 26.1792, 13.3690,
95.8084

 26.1792, 13.3690,
95.8084


275.9012,
213.2692, 567.8001

 17.0911, 7.6831,
72.2074


 52.9931, 31.9651,
157.3861


 10.3952, 3.8929,
52.8402

 71.4497, 45.6442,
196.2000


 5.7260, 1.6138,
37.2884


 93.7599, 62.7564,
240.9218

 2.7183, 0.3669,
25.1333

 120.2889, 83.6862,
291.9702

 1.0066, 0.0000,
15.9565

 151.4022,
108.8180, 349.7636

 0.0000, 0.0000,
9.3393

 187.4651,

 0.0000, 0.0000,

138.5362, 414.7208

4.8634

228.8430,
173.2251, 487.2601

■ 0.0000, 0.0000,
2.1100

■ 0.0000, 0.0000,
0.6217

■ 26.1792, 13.3690,
95.8084

■ 26.1792, 13.3690,
95.8084

■ 23.1958, 10.5068,
95.4132

■ 30.2453, 17.7109,
96.4322

■ 21.1414, 8.8620,
95.2040

■ 35.5020, 23.7154,
97.3141

■ 20.9409, 8.7103,
95.1853

■ 42.0455, 31.5386,
98.4793

■ 49.9606, 41.3180,
99.9497

■ 59.3245, 53.1775,
101.7453

■ 70.2083, 67.2306,
103.8842

■ 82.6784, 83.5823,
106.3831

■ 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.



15.1827, 13.3690, 134.3293



26.1792, 13.3690, 95.8084



35.6774, 13.3690, 41.3628

Triad

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



26.1792, 13.3690, 95.8084



20.1723, 13.3690, 0.0000



2.2435, 13.3690, 22.3031

Complementary

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



26.1792, 13.3690, 95.8084



59.1882, 83.5208, 16.4913

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.



2.5997, 13.3690, 2.8935



26.1792, 13.3690, 95.8084



10.5159, 13.3690, 0.0000

Square

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



26.1792, 13.3690, 95.8084



31.2372, 13.3690, 0.3513



4.8936, 13.3690, 0.0000



3.4957, 13.3690, 69.1597

Rectangle

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



26.1792, 13.3690, 95.8084



38.1761, 13.3690, 16.3772



4.8936, 13.3690, 0.0000



2.1964, 13.3690, 12.8762

Sweetspot

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



26.1800, 13.3693, 95.8084



64.3815, 59.6770, 102.7333



39.7765, 48.4149, 101.8563



12.9735, 11.7353, 21.8313



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.



26.1800, 13.3693, 95.8084



21.8352, 9.3803, 95.2675



46.3620, 23.7734, 96.7529



17.5041, 17.6361, 22.7315



11.0706, 4.6176, 49.7424



1.1814, 0.5029, 4.8481

Inverse Universe

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



52.5217, 27.8832, 54.8325



50.0200, 24.9972, 47.4706



41.4141, 74.3579, 15.6595



18.5521, 18.2041, 21.5242



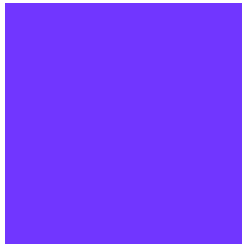
25.9292, 12.8610, 24.0757



2.5724, 1.2714, 2.5959

Previews

White Background



This preview shows how the XYZ color 26.1792, 13.3690, 95.8084 looks on a white background.

Color Contrast Check

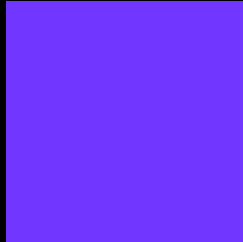
Large Text (above 18pt) WCAG AA ✓ Pass

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 26.1792, 13.3690, 95.8084 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

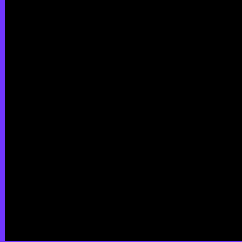
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 26.1792, 13.3690, 95.8084

Background



This preview shows how black text looks on a background with the XYZ color 26.1792, 13.3690, 95.8084.



This preview shows how white text looks on a background with the XYZ color 26.1792, 13.3690,

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

26.1792, 13.3690, 95.8084

Protanopia

15.6302, 13.2404, 60.7633

Deuteranopia

12.9874, 13.2775, 43.4733



Tritanopia

10.7294, 13.2784, 18.8271

Trichromacy



Original Color

26.1792, 13.3690, 95.8084



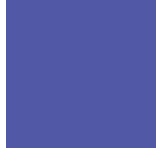
Protanomaly

17.3863, 11.8878, 71.8992



Deuteranomaly

15.2617, 11.5348, 59.1797



Tritanomaly

13.9408, 11.6841, 38.0797

Monochromacy



Original Color

26.1792, 13.3690, 95.8084



Achromatopsia

10.8771, 11.4435, 12.4620



Achromatomaly

14.0979, 10.8620, 31.4905

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.1792, 13.3690, 95.8084 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(113, 54, 255)` looks like.

```
.text, #text, p{  
    color:rgb(113, 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(113, 54, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(113, 54, 255) }
```

Border

The CSS property to change the border of an element to XYZ 26.1792, 13.3690, 95.8084 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(113, 54, 255) }
```


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

```
.border{ border-color:rgb(113, 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(113, 54, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(113, 54, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(113, 54, 255);  
box-shadow:4px 4px 4px 4px rgb(113, 54,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 26.1792, 13.3690, 95.8084 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(113, 54, 255) }
```

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

```
.background{ background-color: rgb(113, 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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