

Converting Colors

XYZ(26.5052, 13.8616, 95.8860)

Have a look what the booklet for
XYZ(26.5052, 13.8616, 95.8860)
contains.

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Color

**XYZ(26.5025, 13.8235,
95.8791)**

Conversions

Conversions Part 1

Format	Color
Hex	723AFF
RGB	114, 58, 255
RGB Percent	45%, 23%, 100%
CMY	0.5529, 0.7726, 0.0000
CMYK	0.55, 0.77, 0.00, 0.00
HSL	257°, 100%, 61%
HSV	257°, 77%, 100%
XYZ	26.5025, 13.8235, 95.8791
YIQ	97.2020, -29.8610, 73.1390

Conversions

Conversions Part 2

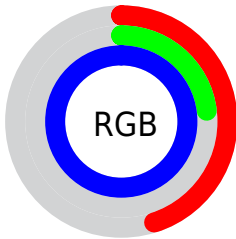
Format	Color
R _Y B	114, 58, 255
Decimal	7486207
CIE Lab	43.98, 68.12, -88.29
CIE LCh	44, 111.514, 307.654
Yxy	13.8235, 0.1946, 0.1015
Android (android.graphics.Color)	4285676287 (0xFF723AFF)
YUV	97.2020, 77.7944, 14.7318
Hunter-Lab	37.1800, 62.1728, -126.8701

Details

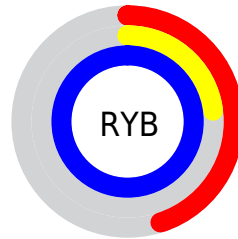
The XYZ color **26.5025, 13.8235, 95.8791** is a dark color, and the websafe version is hex **6633FF**. The color can be described as middle washed purple. A complement of this color would be **60.0744, 83.9663, 17.0436**, and the grayscale version is **11.2326, 11.8176, 12.8693**.

A 20% lighter version of the original color is **42.2043, 28.2733, 97.8406**, and **10.7377, 4.3713, 53.1011** is the 20% darker color. If you saturate the color by 10%, you get **23.3784, 10.7537, 95.4512**, and if you desaturate by 10%, it is **30.7375, 18.4093, 96.5410**.

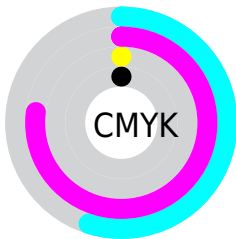
Distribution



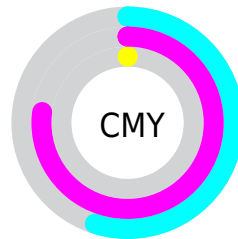
- Red (45%)
- Green (23%)
- Blue (100%)



- Red (45%)
- Yellow (23%)
- Blue (100%)



- Cyan (55%)
- Magenta (77%)
- Yellow (0%)
- Black (0%)





- Cyan (55%)
- Magenta (77%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 26.5025, 13.8235, 95.8791 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 26.5025, 13.8235, 95.8791 by changing the saturation by 10% instead.


 26.5025, 13.8235,
95.8791


 26.5025, 13.8235,
95.8791


277.4519,
216.1300, 568.0316


 17.3346, 7.9980,
72.2659


 53.5100, 32.7755,
157.4846


 10.5701, 4.0937,
52.8878


 72.0804, 46.6709,
196.3140


 5.8437, 1.7261,
37.3261


 94.5156, 64.0249,
241.0525

 2.7900, 0.4405,
25.1623

 121.1810, 85.2221,
292.1188

 1.0437, 0.0000,
15.9779

 152.4420,
110.6468, 349.9313

 0.0000, 0.0000,
9.3543

188.6639,

 0.0000, 0.0000,

140.6834, 414.9085

4.8731

230.2120,
175.7164, 487.4691

■ 0.0000, 0.0000,
2.1155

■ 0.0000, 0.0000,
0.6250

■ 26.5025, 13.8235,
95.8791

■ 26.5025, 13.8235,
95.8791

■ 23.3784, 10.7537,
95.4512

■ 30.7375, 18.4093,
96.5410

■ 21.2276, 8.9709,
95.2205

■ 36.1897, 24.6891,
97.4658

■ 20.7598, 8.6170,
95.1768

■ 42.9543, 32.8164,
98.6780

■ 51.1158, 42.9266,
100.1993

■ 60.7513, 55.1424,
102.0494

■ 71.9319, 69.5762,
104.2461

■ 84.7240, 86.3324,
106.8061

■ 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.



15.5361, 13.8235, 133.2589



26.5025, 13.8235, 95.8791



35.9718, 13.8235, 42.1906

Triad

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



26.5025, 13.8235, 95.8791



20.7208, 13.8235, 0.0000



2.4654, 13.8235, 22.5133

Complementary

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



26.5025, 13.8235, 95.8791



60.0744, 83.9663, 17.0436

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.



2.8529, 13.8235, 3.0916



26.5025, 13.8235, 95.8791



11.0018, 13.8235, 0.0000

Square

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



26.5025, 13.8235, 95.8791



31.7193, 13.8235, 0.5385



5.2489, 13.8235, 0.0000



3.7517, 13.8235, 68.6957

Rectangle

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



26.5025, 13.8235, 95.8791



38.4995, 13.8235, 17.1335



5.2489, 13.8235, 0.0000



2.4207, 13.8235, 13.1453

Sweetspot

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



26.5033, 13.8238, 95.8791



65.3167, 61.0078, 102.9409



40.2603, 49.0505, 101.9535



13.1471, 11.9869, 21.8707



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.



26.5033, 13.8238, 95.8791



22.0351, 9.5919, 95.2978



46.8056, 24.2900, 96.8292



17.4879, 17.6278, 22.7307



10.9730, 4.5673, 49.7378



1.1701, 0.4971, 4.8476

Inverse Universe

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



53.0607, 28.4090, 56.7140



50.4854, 25.3004, 49.5604



41.8549, 74.5738, 16.1909



18.5595, 18.2071, 21.5635



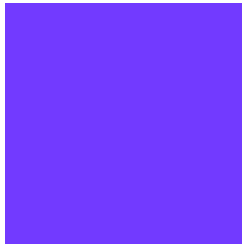
26.0553, 12.9114, 24.7392



2.5839, 1.2759, 2.6563

Previews

White Background



This preview shows how the XYZ color 26.5025, 13.8235, 95.8791 looks on a white background.

Color Contrast Check

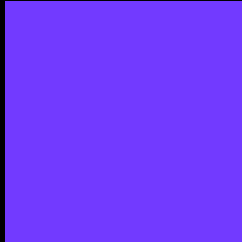
Large Text (above 18pt) WCAG AA ✓ Pass

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 26.5025, 13.8235, 95.8791 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

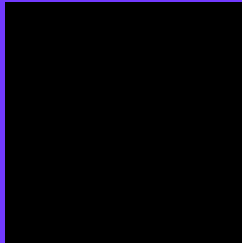
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 26.5025, 13.8235, 95.8791

Background



This preview shows how black text looks on a background with the XYZ color 26.5025, 13.8235, 95.8791.



This preview shows how white text looks on a background with the XYZ color 26.5025, 13.8235,

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

26.5025, 13.8235, 95.8791

Protanopia

16.1900, 13.7675, 62.7769

Deuteranopia

13.3923, 13.6034, 45.0999



Tritanopia

11.1525, 13.6420, 19.4981

Trichromacy



Original Color

26.5025, 13.8235, 95.8791



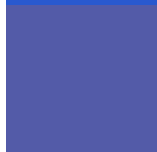
Protanomaly

17.8904, 12.4594, 73.4135



Deuteranomaly

15.7493, 12.1212, 60.5410



Tritanomaly

14.3762, 12.1483, 38.6329

Monochromacy



Original Color

26.5025, 13.8235, 95.8791



Achromatopsia

11.3621, 11.9538, 13.0177



Achromatomaly

14.5195, 11.4032, 32.0076

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.5025, 13.8235, 95.8791 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(114, 58, 255)` looks like.

```
.text, #text, p{  
    color:rgb(114, 58, 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(114, 58, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(114, 58, 255) }
```

Border

The CSS property to change the border of an element to XYZ 26.5025, 13.8235, 95.8791 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(114, 58, 255) }
```


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

```
.border{ border-color:rgb(114, 58, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(114, 58, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(114, 58, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(114, 58, 255);  
box-shadow:4px 4px 4px 4px rgb(114, 58,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 26.5025, 13.8235, 95.8791 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(114, 58, 255) }
```

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

```
.background{ background-color: rgb(114, 58,  
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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