

Converting Colors

XYZ(26.5998, 12.1589, 95.5527)

Have a look what the booklet for
XYZ(26.5998, 12.1589, 95.5527)
contains.

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Color

**XYZ(26.5660, 12.1262,
95.5482)**

Conversions

Conversions Part 1

Format	Color
Hex	7B19FF
RGB	123, 25, 255
RGB Percent	48%, 10%, 100%
CMY	0.5176, 0.9020, 0.0000
CMYK	0.52, 0.90, 0.00, 0.00
HSL	266°, 100%, 55%
HSV	266°, 90%, 100%
XYZ	26.5660, 12.1262, 95.5482
YIQ	80.5220, -15.4220, 92.3060

Conversions

Conversions Part 2

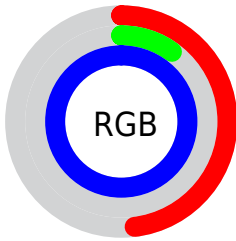
Format	Color
R _Y B	123, 25, 255
Decimal	8067583
CIE Lab	41.42, 79.43, -92.48
CIE LCh	41, 121.912, 310.658
Yxy	12.1262, 0.1979, 0.0903
Android (android.graphics.Color)	4286257663 (0xFF7B19FF)
YUV	80.5220, 86.0177, 37.2532
Hunter-Lab	34.8227, 75.2367, -138.3069

Details

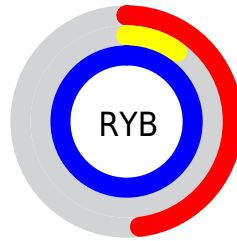
The XYZ color **26.5660, 12.1262, 95.5482** is a dark color, and the websafe version is hex **6600FF**. The color can be described as dark washed purple. A complement of this color would be **49.8377, 78.7571, 13.4943**, and the grayscale version is **7.5663, 7.9604, 8.6688**.

A 20% lighter version of the original color is **42.1997, 25.0971, 97.2278**, and **11.2970, 4.6596, 53.1273** is the 20% darker color. If you saturate the color by 10%, you get **24.3152, 10.4499, 95.3432**, and if you desaturate by 10%, it is **29.6336, 14.9163, 95.9250**.

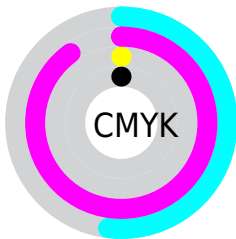
Distribution



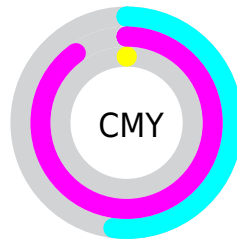
- Red (48%)
- Green (10%)
- Blue (100%)



- Red (48%)
- Yellow (10%)
- Blue (100%)



- Cyan (52%)
- Magenta (90%)
- Yellow (0%)
- Black (0%)




- Cyan (52%)
- Magenta (90%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 26.5660, 12.1262, 95.5482 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 26.5660, 12.1262, 95.5482 by changing the saturation by 10% instead.

 26.5660, 12.1262,
95.5482


 26.5660, 12.1262,
95.5482


277.7556,
205.2390, 566.9476


 17.3824, 6.8297,
71.9919


 53.6115, 29.7247,
157.0238


 10.6045, 3.3558,
52.6653


 72.2041, 42.7956,
195.7803


 5.8669, 1.3202,
37.1497


 94.6638, 59.2266,
240.4405

 2.8042, 0.1568,
25.0268

 121.3559, 79.4023,
291.4231

 1.0511, 0.0000,
15.8778

 152.6458,
103.7069, 349.1465

 0.0000, 0.0000,
9.2843

 188.8988,

 0.0000, 0.0000,

132.5250, 414.0294

4.8277

230.4803,
166.2409, 486.4903

■ 0.0000, 0.0000,
2.0896

■ 0.0000, 0.0000,
0.6096

■ 26.5660, 12.1262,
95.5482

■ 26.5660, 12.1262,
95.5482

■ 24.3152, 10.4499,
95.3432

■ 29.6336, 14.9163,
95.9250

■ 33.6342, 19.0899,
96.5197

■ 38.6686, 24.8290,
97.3622

■ 44.8218, 32.2866,
98.4773

■ 52.1691, 41.5965,
99.8871

■ 60.7784, 52.8791,
101.6111

■ 70.7123, 66.2444,
103.6673

■ 82.0287, 81.7940,
106.0722

94.7822, 99.6227,
108.8413

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



14.9714, 12.1262, 142.5688



26.5660, 12.1262, 95.5482



36.2245, 12.1262, 36.8462

Triad

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



26.5660, 12.1262, 95.5482



18.1375, 12.1262, 0.0000



1.5825, 12.1262, 24.4358

Complementary

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



26.5660, 12.1262, 95.5482



49.8377, 78.7571, 13.4943

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.



1.7669, 12.1262, 2.7409



26.5660, 12.1262, 95.5482



8.6538, 12.1262, 0.0000

Square

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



26.5660, 12.1262, 95.5482



29.8771, 12.1262, 0.0000



3.6088, 12.1262, 0.0000



2.8315, 12.1262, 77.3085

Rectangle

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



26.5660, 12.1262, 95.5482



38.3241, 12.1262, 12.6512



3.6088, 12.1262, 0.0000



1.5058, 12.1262, 13.7713

Sweetspot

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



26.5668, 12.1264, 95.5482



63.8086, 56.9222, 102.2318



30.8772, 32.2794, 99.2109



12.9663, 11.2615, 21.7402



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.



26.5668, 12.1264, 95.5482



24.3152, 10.4499, 95.3432



52.9341, 25.7193, 96.7821



17.7369, 17.7561, 22.7424



12.8676, 5.5440, 49.8265



1.3747, 0.6026, 4.8571

Inverse Universe

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



47.6723, 24.3889, 34.0879



46.4546, 23.3458, 29.3897



36.9811, 72.1292, 12.8926



18.4463, 18.1618, 20.9674



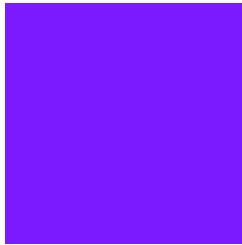
24.3498, 12.2292, 15.7586



2.4256, 1.2126, 1.8225

Previews

White Background



This preview shows how the XYZ color 26.5660, 12.1262, 95.5482 looks on a white background.

Color Contrast Check

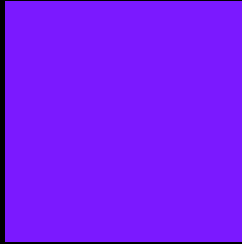
Large Text (above 18pt) WCAG AA ✓ Pass

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 26.5660, 12.1262, 95.5482 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

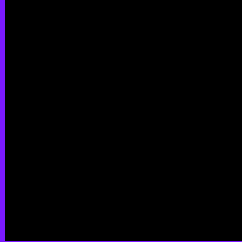
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 26.5660, 12.1262, 95.5482

Background



This preview shows how black text looks on a background with the XYZ color 26.5660, 12.1262, 95.5482.



This preview shows how white text looks on a background with the XYZ color 26.5660, 12.1262,

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

26.5660, 12.1262, 95.5482

Protanopia

14.1957, 12.0826, 55.0101

Deuteranopia

11.8151, 12.1719, 39.2628



Tritanopia

10.6384, 12.0738, 16.2378

Trichromacy



Original Color

26.5660, 12.1262, 95.5482

Protanomaly

15.9965, 9.9286, 68.0911

Deuteranomaly

13.8901, 9.4931, 55.7438

Tritanomaly

13.6234, 9.8066, 35.3573

Monochromacy



Original Color

26.5660, 12.1262, 95.5482

Achromatopsia

7.8210, 8.2283, 8.9606

Achromatomaly

11.5267, 7.8379, 27.2909

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.5660, 12.1262, 95.5482 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(123, 25, 255)` looks like.

```
.text, #text, p{  
    color:rgb(123, 25, 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(123, 25, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(123, 25, 255) }
```

Border

The CSS property to change the border of an element to XYZ 26.5660, 12.1262, 95.5482 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(123, 25, 255) }
```


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

```
.border{ border-color:rgb(123, 25, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(123, 25, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(123, 25, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(123, 25, 255);  
box-shadow:4px 4px 4px 4px rgb(123, 25,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 26.5660, 12.1262, 95.5482 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(123, 25, 255) }
```

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

```
.background{ background-color: rgb(123, 25,  
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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