

Converting Colors

XYZ(26.6061, 12.0888, 95.4760)

Have a look what the booklet for
XYZ(26.6061, 12.0888, 95.4760)
contains.

XYZ(26.6686, 12.1179, 95.5411)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(26.6686, 12.1179,
95.5411)**

Conversions

Conversions Part 1

Format	Color
Hex	7C17FF
RGB	124, 23, 255
RGB Percent	49%, 9%, 100%
CMY	0.5137, 0.9098, 0.0000
CMYK	0.51, 0.91, 0.00, 0.00
HSL	266°, 100%, 55%
HSV	266°, 91%, 100%
XYZ	26.6686, 12.1179, 95.5411
YIQ	79.6470, -14.2760, 93.5640

Conversions

Conversions Part 2

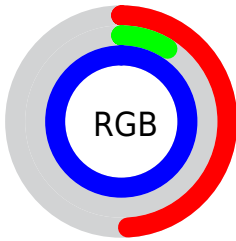
Format	Color
R _Y B	124, 23, 255
Decimal	8132607
CIE Lab	41.40, 79.91, -92.50
CIE LCh	41, 122.237, 310.822
Yxy	12.1179, 0.1985, 0.0902
Android (android.graphics.Color)	4286322687 (0xFF7C17FF)
YUV	79.6470, 86.4490, 38.8976
Hunter-Lab	34.8108, 75.8303, -138.3589

Details

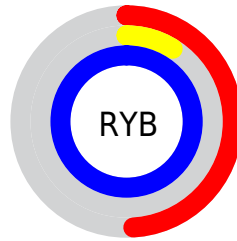
The XYZ color **26.6686, 12.1179, 95.5411** is a dark color, and the websafe version is hex **6600FF**. The color can be described as dark washed purple. A complement of this color would be **49.2388, 78.4507, 13.3577**, and the grayscale version is **7.3970, 7.7822, 8.4748**.

A 20% lighter version of the original color is **42.4452, 25.2237, 97.2393**, and **11.3934, 4.7093, 53.1318** is the 20% darker color. If you saturate the color by 10%, you get **24.6085, 10.6010, 95.3569**, and if you desaturate by 10%, it is **29.6755, 14.8124, 95.9027**.

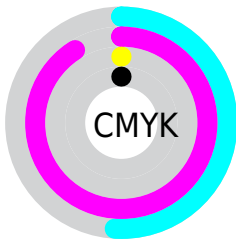
Distribution



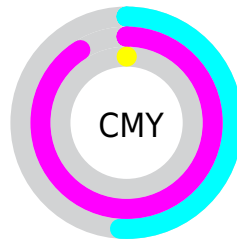
- Red (49%)
- Green (9%)
- Blue (100%)



- Red (49%)
- Yellow (9%)
- Blue (100%)



- Cyan (51%)
- Magenta (91%)
- Yellow (0%)
- Black (0%)





- Cyan (51%)
- Magenta (91%)
- Yellow (0%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 26.6686, 12.1179, 95.5411 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 26.6686, 12.1179, 95.5411 by changing the saturation by 10% instead.


 26.6686, 12.1179,
95.5411


 26.6686, 12.1179,
95.5411

278.2458,
205.1843, 566.9243


 17.4598, 6.8240,
71.9860

 53.7753, 29.7097,
157.0139


 10.6602, 3.3523,
52.6605


 72.4038, 42.7763,
195.7688


 5.9044, 1.3183,
37.1460


 94.9030, 59.2027,
240.4274

 2.8272, 0.1553,
25.0238

 121.6382, 79.3732,
291.4082

 1.0630, 0.0000,
15.8756

 152.9747,
103.6722, 349.1297

 0.0000, 0.0000,
9.2828

 189.2779,

 0.0000, 0.0000,

132.4841, 414.0106

4.8268

230.9132,
166.1934, 486.4692

■ 0.0000, 0.0000,
2.0890

■ 0.0000, 0.0000,
0.6092

■ 26.6686, 12.1179,
95.5411

■ 26.6686, 12.1179,
95.5411

■ 24.6085, 10.6010,
95.3569

■ 29.6755, 14.8124,
95.9027

■ 33.5979, 18.8698,
96.4792

■ 38.5373, 24.4749,
97.3007

■ 44.5793, 31.7819,
98.3927

■ 51.7990, 40.9259,
99.7771

■ 60.2644, 52.0278,
101.4738

■ 70.0380, 65.1980,
103.5008

■ 81.1776, 80.5386,
105.8747

■ 93.7374, 98.1445,
108.6110

Harmonies

Analogous

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



15.0293, 12.1179, 143.0214



26.6686, 12.1179, 95.5411



36.3341, 12.1179, 36.6518

Triad

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



26.6686, 12.1179, 95.5411



18.0847, 12.1179, 0.0000



1.5709, 12.1179, 24.6665

Complementary

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



26.6686, 12.1179, 95.5411



49.2388, 78.4507, 13.3577

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.



1.7478, 12.1179, 2.7691



26.6686, 12.1179, 95.5411



8.6007, 12.1179, 0.0000

Square

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



26.6686, 12.1179, 95.5411



29.8669, 12.1179, 0.0000



3.5745, 12.1179, 0.0000



2.8274, 12.1179, 77.9004

Rectangle

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



26.6686, 12.1179, 95.5411



38.4063, 12.1179, 12.5054



3.5745, 12.1179, 0.0000



1.4923, 12.1179, 13.9081

Sweetspot

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



26.6694, 12.1181, 95.5411



63.9968, 57.0192, 102.2406



30.0356, 30.6669, 98.9440



13.0103, 11.2842, 21.7423



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.



26.6694, 12.1181, 95.5411



24.6085, 10.6010, 95.3569



54.1331, 26.2762, 96.8264



17.7533, 17.7645, 22.7432



13.0224, 5.6238, 49.8337



1.3906, 0.6108, 4.8579

Inverse Universe

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



47.3780, 24.2053, 32.7417



46.2723, 23.2729, 28.4295



36.7311, 72.0027, 12.7723



18.4390, 18.1589, 20.9289



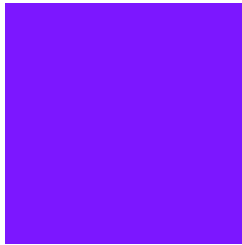
24.2546, 12.1911, 15.2572



2.4165, 1.2090, 1.7746

Previews

White Background



This preview shows how the XYZ color 26.6686, 12.1179, 95.5411 looks on a white background.

Color Contrast Check

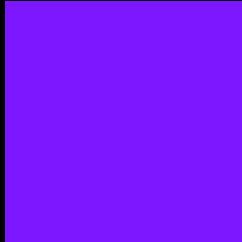
Large Text (above 18pt) WCAG AA ✓ Pass

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 26.6686, 12.1179, 95.5411 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 26.6686, 12.1179, 95.5411

Background



This preview shows how black text looks on a background with the XYZ color 26.6686, 12.1179, 95.5411.



This preview shows how white text looks on a background with the XYZ color 26.6686, 12.1179,

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

26.6686, 12.1179, 95.5411

Protanopia

14.1957, 12.0826, 55.0101

Deuteranopia

11.9094, 12.2096, 39.7592



Tritanopia

10.8073, 12.1608, 16.2457

Trichromacy



Original Color

26.6686, 12.1179, 95.5411

Protanomaly

15.9355, 9.8066, 68.0708

Deuteranomaly

14.0073, 9.5400, 56.3615

Tritanomaly

13.8339, 9.9151, 35.3671

Monochromacy



Original Color

26.6686, 12.1179, 95.5411

Achromatopsia

7.6249, 8.0220, 8.7359

Achromatomaly

11.4219, 7.6283, 27.2560

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.6686, 12.1179, 95.5411 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(124, 23, 255)` looks like.

```
.text, #text, p{  
    color:rgb(124, 23, 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(124, 23, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(124, 23, 255) }
```

Border

The CSS property to change the border of an element to XYZ 26.6686, 12.1179, 95.5411 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(124, 23, 255) }
```


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

```
.border{ border-color:rgb(124, 23, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(124, 23, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(124, 23, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(124, 23, 255);  
box-shadow:4px 4px 4px 4px rgb(124, 23,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 26.6686, 12.1179, 95.5411 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(124, 23, 255) }
```

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

```
.background{ background-color: rgb(124, 23,  
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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor