

Converting Colors

XYZ(26.2418, 12.1666, 79.5328)

Have a look what the booklet for
XYZ(26.2418, 12.1666, 79.5328)
contains.

XYZ(26.2301, 12.1612, 79.5621)	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(26.2301, 12.1612,
79.5621)**

Conversions

Conversions Part 1

Format	Color
Hex	8D14EB
RGB	141, 20, 235
RGB Percent	55%, 8%, 92%
CMY	0.4470, 0.9216, 0.0784
CMYK	0.40, 0.91, 0.00, 0.08
HSL	274°, 84%, 50%
HSV	274°, 91%, 92%
XYZ	26.2301, 12.1612, 79.5621
YIQ	80.6890, 3.1010, 92.5170

Conversions

Conversions Part 2

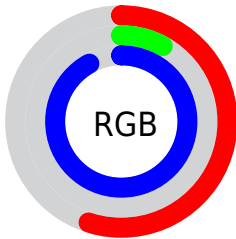
Format	Color
RYB	141, 20, 235
Decimal	9245931
CIELab	41.47, 77.81, -81.05
CIELCh	41, 112.355, 313.830
Yxy	12.1612, 0.2224, 0.1031
Android (android.graphics.Color)	4287436011 (0xFF8D14EB)
YUV	80.6890, 76.0753, 52.8927
Hunter-Lab	34.8729, 73.2334, -110.8583

Details

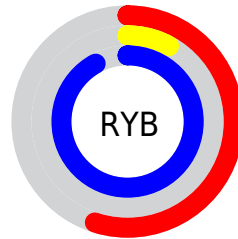
The XYZ color **26.2301, 12.1612, 79.5621** is a dark color, and the websafe version is hex **9933FF**. The color can be described as dark washed purple. A complement of this color would be **36.7734, 63.0444, 10.8924**, and the grayscale version is **7.6153, 8.0118, 8.7249**.

A 20% lighter version of the original color is **45.9795, 26.9213, 97.3807**, and **11.1778, 4.8341, 42.4634** is the 20% darker color. If you saturate the color by 10%, you get **24.5521, 10.9248, 79.4122**, and if you desaturate by 10%, it is **28.6918, 14.3684, 79.8587**.

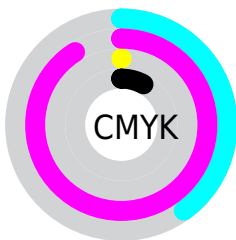
Distribution



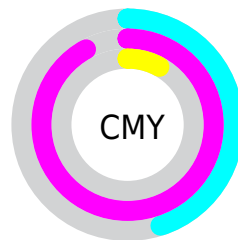
- Red (55%)
- Green (8%)
- Blue (92%)



- Red (55%)
- Yellow (8%)
- Blue (92%)



- Cyan (40%)
- Magenta (91%)
- Yellow (0%)
- Black (8%)



- Cyan (45%)
- Magenta (92%)
- Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 26.2301, 12.1612, 79.5621 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 26.2301, 12.1612, 79.5621 by changing the saturation by 10% instead.

26.2301, 12.1612,
79.5621

26.2301, 12.1612,
79.5621

276.1458,
205.4696, 513.1237

17.1294, 6.8536,
58.8340

53.0746, 29.7884,
134.5557

10.4227, 3.3707,
42.0604

71.5491, 42.8767,
169.6584

5.7445, 1.3282,
28.8227

93.8790, 59.3273,
210.3896

2.7295, 0.1629,
18.7023

120.4295, 79.5247,
257.1680

1.0124, 0.0000,
11.2807

151.5662,
103.8532, 310.4120

0.0000, 0.0000,
6.1394

187.6542,

0.0000, 0.0000,

132.6973, 370.5403

2.8599

229.0589,
166.4413, 437.9713

■ 0.0000, 0.0000,
1.0235

■ 0.0000, 0.0000,
0.0000

■ 26.2301, 12.1612,
79.5621

■ 26.2301, 12.1612,
79.5621

■ 24.5521, 10.9248,
79.4122

■ 28.6918, 14.3684,
79.8587

■ 31.8120, 17.6469,
80.3270

■ 35.6689, 22.1459,
80.9922

■ 40.3276, 27.9897,
81.8746

■ 45.8452, 35.2869,
82.9923

■ 52.2729, 44.1346,
84.3613

■ 59.6576, 54.6211,
85.9962

■ 68.0427, 66.8284,
87.9105

■ 77.4689, 80.8324,
90.1167

Harmonies

Analogous

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



15.7409, 12.1612, 122.8080



26.2301, 12.1612, 79.5621



34.2002, 12.1612, 30.1631

Triad

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



26.2301, 12.1612, 79.5621



16.5153, 12.1612, 0.0000



2.0255, 12.1612, 27.1912

Complementary

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



26.2301, 12.1612, 79.5621



36.7734, 63.0444, 10.8924

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.



2.0780, 12.1612, 4.2417



26.2301, 12.1612, 79.5621



8.1921, 12.1612, 0.0000

Square

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



26.2301, 12.1612, 79.5621



27.0220, 12.1612, 0.0000



3.7299, 12.1612, 0.0000



3.5203, 12.1612, 75.3413

Rectangle

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



26.2301, 12.1612, 79.5621



35.4244, 12.1612, 10.4547



3.7299, 12.1612, 0.0000



1.8965, 12.1612, 16.4841

Sweetspot

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



26.2308, 12.1615, 79.5624



66.6606, 58.3925, 102.3652



21.6160, 18.8111, 81.0892



13.6359, 11.6067, 21.7716



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.



26.2308, 12.1615, 79.5624



29.4675, 13.1059, 95.5843



47.9997, 23.5579, 72.7163



15.0424, 14.9671, 19.0184



13.8135, 6.1570, 44.2033



1.1948, 0.5402, 3.4762

Inverse Universe

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



37.5481, 19.3773, 17.6791



44.1359, 22.4184, 17.1795



30.2409, 59.6632, 11.2013



15.3390, 15.1634, 17.0703



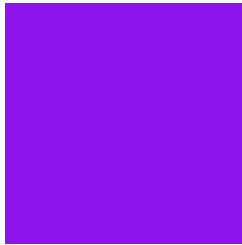
20.4846, 10.3965, 8.3534



1.6561, 0.8354, 0.9064

Previews

White Background



This preview shows how the XYZ color 26.2301, 12.1612, 79.5621 looks on a white background.

Color Contrast Check

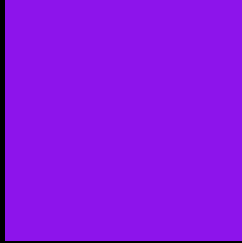
Large Text (above 18pt) WCAG AA ✓ Pass

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 26.2301, 12.1612, 79.5621 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

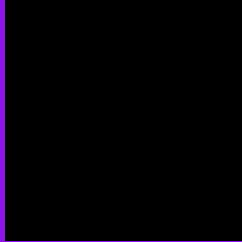
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 26.2301, 12.1612, 79.5621

Background



This preview shows how black text looks on a background with the XYZ color 26.2301, 12.1612, 79.5621.



This preview shows how white text looks on a background with the XYZ color 26.2301, 12.1612,

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

26.2301, 12.1612, 79.5621

Protanopia

14.5175, 12.3545, 56.2631

Deuteranopia

12.1001, 12.2859, 40.7634



Tritanopia

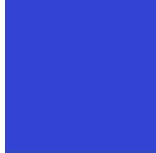
12.8967, 12.1935, 13.7305

Trichromacy



Original Color

26.2301, 12.1612, 79.5621



Protanomaly

15.4426, 9.6421, 63.9980



Deuteranomaly

13.5329, 9.2787, 52.7075



Tritanomaly

15.5414, 10.2773, 29.5984

Monochromacy



Original Color

26.2301, 12.1612, 79.5621



Achromatopsia

7.8210, 8.2283, 8.9606



Achromatomaly

11.6728, 7.8176, 24.5606

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.2301, 12.1612, 79.5621 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(141, 20, 235)` looks like.

```
.text, #text, p{  
    color:rgb(141, 20, 235)  
}
```

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(141, 20, 235) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(141, 20, 235) }
```

Border

The CSS property to change the border of an element to XYZ 26.2301, 12.1612, 79.5621 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(141, 20, 235) }
```


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

```
.border{ border-color:rgb(141, 20, 235) }
```

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

Here you see how a box with a 4 pixel `rgb(141, 20, 235)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(141, 20, 235); -webkit-box-  
shadow:4px 4px 4px 4px rgb(141, 20, 235);  
box-shadow:4px 4px 4px 4px rgb(141, 20,  
235) }
```

Background

The CSS property to change the background color of an element to XYZ 26.2301, 12.1612, 79.5621 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(141, 20, 235) }
```

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

```
.background{ background-color: rgb(141, 20,  
235) }
```

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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