

Converting Colors

XYZ(26.8790, 14.7276, 76.4541)

Have a look what the booklet for
XYZ(26.8790, 14.7276, 76.4541)
contains.

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Color

**XYZ(26.8208, 14.7339,
76.2932)**

Conversions

Conversions Part 1

Format	Color
Hex	8C3EE6
RGB	140, 62, 230
RGB Percent	55%, 24%, 90%
CMY	0.4510, 0.7569, 0.0980
CMYK	0.39, 0.73, 0.00, 0.10
HSL	268°, 77%, 57%
HSV	268°, 73%, 90%
XYZ	26.8208, 14.7339, 76.2932
YIQ	104.4740, -7.4400, 68.7840

Conversions

Conversions Part 2

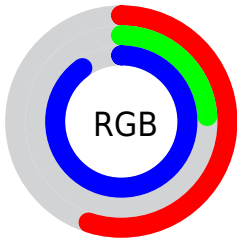
Format	Color
R _Y B	140, 62, 230
Decimal	9191142
CIE Lab	45.27, 63.87, -72.01
CIE LCh	45, 96.251, 311.574
Yxy	14.7339, 0.2276, 0.1250
Android (android.graphics.Color)	4287381222 (0xFF8C3EE6)
YUV	104.4740, 61.8843, 31.1563
Hunter-Lab	38.3848, 57.5510, -90.9749

Details

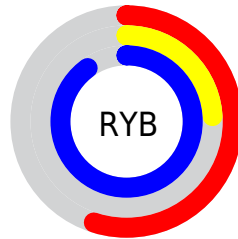
The XYZ color **26.8208, 14.7339, 76.2932** is a dark color, and the websafe version is hex **6633CC**. The color can be described as middle washed purple. A complement of this color would be **42.1149, 63.6168, 14.6172**, and the grayscale version is **13.1263, 13.8099, 15.0390**.

A 20% lighter version of the original color is **47.8486, 31.8529, 98.2341**, and **10.8511, 4.7226, 39.8748** is the 20% darker color. If you saturate the color by 10%, you get **23.8630, 11.7290, 75.8694**, and if you desaturate by 10%, it is **30.5414, 18.9172, 76.9049**.

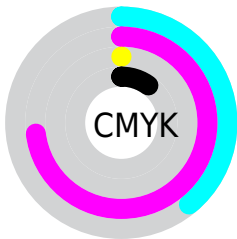
Distribution



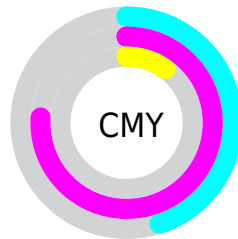
- Red (55%)
- Green (24%)
- Blue (90%)



- Red (55%)
- Yellow (24%)
- Blue (90%)



- Cyan (39%)
- Magenta (73%)
- Yellow (0%)
- Black (10%)





- Cyan (45%)
- Magenta (76%)
- Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 26.8208, 14.7339, 76.2932 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 26.8208, 14.7339, 76.2932 by changing the saturation by 10% instead.

 26.8208, 14.7339,
76.2932


 26.8208, 14.7339,
76.2932


278.9718,
221.7499, 501.7243

 17.5746, 8.6328,
56.1649


 54.0181, 34.3857,
129.9052

 10.7428, 4.5025,
39.9302


 72.6999, 48.7052,
164.2259


 5.9602, 1.9584,
27.1708


 95.2576, 66.5330,
204.1144

 2.8613, 0.5832,
17.4680

 122.0565, 88.2534,
249.9894

 1.0809, 0.0000,
10.4032

 153.4620,
114.2510, 302.2694

 0.0090, 0.0000,
5.5580

189.8395,

 0.0000, 0.0000,

144.9100, 361.3728

2.5138

231.5543,
180.6148, 427.7183

■ 0.0000, 0.0000,
0.8475

■ 0.0000, 0.0000,
0.0000

■ 26.8208, 14.7339,
76.2932

■ 26.8208, 14.7339,
76.2932

■ 23.8630, 11.7290,
75.8694

■ 30.5414, 18.9172,
76.9049

■ 21.5862, 9.7532,
75.6081

■ 35.0892, 24.4000,
77.7235

■ 20.3212, 8.8260,
75.4958

■ 40.5234, 31.2894,
78.7668

■ 46.8966, 39.6805,
80.0506

54.2568, 49.6601,
81.5889

62.6487, 61.3080,
83.3949

72.1138, 74.6986,
85.4807

82.6915, 89.9019,
87.8577

89.7881, 97.7226,
88.9932

Harmonies

Analogous

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



17.3064, 14.7339, 108.7649



26.8208, 14.7339, 76.2932



34.1337, 14.7339, 34.2792

Triad

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



26.8208, 14.7339, 76.2932



19.4230, 14.7339, 0.0000



3.7219, 14.7339, 26.5476

Complementary

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



26.8208, 14.7339, 76.2932



42.1149, 63.6168, 14.6172

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.



3.9212, 14.7339, 5.7904



26.8208, 14.7339, 76.2932



11.1512, 14.7339, 0.0000

Square

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



26.8208, 14.7339, 76.2932



28.8665, 14.7339, 0.9914



6.1025, 14.7339, 0.4224



5.3885, 14.7339, 66.2848

Rectangle

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



26.8208, 14.7339, 76.2932



35.5646, 14.7339, 14.8681



6.1025, 14.7339, 0.4224



3.5970, 14.7339, 17.2776

Sweetspot

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



26.8216, 14.7344, 76.2936



69.4854, 64.0200, 103.3026



27.8915, 29.9811, 79.1801



14.2957, 12.9116, 21.9887



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.



26.8216, 14.7344, 76.2936



28.4875, 13.3127, 95.6759



46.0076, 24.6251, 77.1915



14.2157, 14.2134, 18.1385



11.6428, 5.0680, 42.7477



0.9667, 0.4293, 3.1639

Inverse Universe

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



40.0232, 22.5353, 31.9449



47.2901, 24.4474, 31.4236



31.7213, 58.2587, 14.1308



14.6981, 14.4964, 16.6108



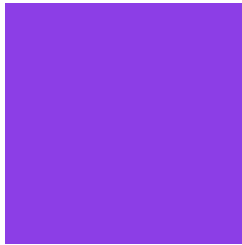
20.5690, 10.3618, 11.8911



1.5668, 0.7844, 1.1253

Previews

White Background



This preview shows how the XYZ color 26.8208, 14.7339, 76.2932 looks on a white background.

Color Contrast Check

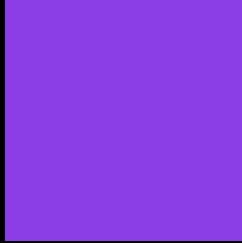
Large Text (above 18pt) WCAG AA ✓ Pass

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 26.8208, 14.7339, 76.2932 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

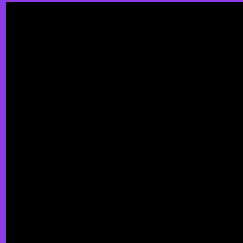
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 26.8208, 14.7339, 76.2932

Background



This preview shows how black text looks on a background with the XYZ color 26.8208, 14.7339, 76.2932.



This preview shows how white text looks on a background with the XYZ color 26.8208, 14.7339,

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

26.8208, 14.7339, 76.2932

Protanopia

17.5051, 14.7625, 68.2565

Deuteranopia

14.7612, 14.8260, 50.2278



Tritanopia

14.9452, 14.7153, 17.3819

Trichromacy



Original Color

26.8208, 14.7339, 76.2932



Protanomaly

18.0398, 12.9572, 70.6574



Deuteranomaly

16.1787, 12.8921, 58.7625



Tritanomaly

17.8010, 13.7964, 32.7351

Monochromacy



Original Color

26.8208, 14.7339, 76.2932



Achromatopsia

13.1579, 13.8432, 15.0752



Achromatomaly

16.4135, 13.1287, 30.5232

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.8208, 14.7339, 76.2932 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(140, 62, 230)` looks like.

```
.text, #text, p{  
    color:rgb(140, 62, 230)  
}
```

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(140, 62, 230) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(140, 62, 230) }
```

Border

The CSS property to change the border of an element to XYZ 26.8208, 14.7339, 76.2932 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(140, 62, 230) }
```


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

```
.border{ border-color:rgb(140, 62, 230) }
```

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

Here you see how a box with a 4 pixel `rgb(140, 62, 230)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(140, 62, 230); -webkit-box-  
shadow:4px 4px 4px 4px rgb(140, 62, 230);  
box-shadow:4px 4px 4px 4px rgb(140, 62,  
230) }
```

Background

The CSS property to change the background color of an element to XYZ 26.8208, 14.7339, 76.2932 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(140, 62, 230) }
```

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

```
.background{ background-color: rgb(140, 62,  
230) }
```

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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