

Converting Colors

XYZ(26.7108, 12.6140, 73.6762)

Have a look what the booklet for
XYZ(26.7108, 12.6140, 73.6762)
contains.

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Color

**XYZ(26.7492, 12.6429,
73.7035)**

Conversions

Conversions Part 1

Format	Color
Hex	9617E3
RGB	150, 23, 227
RGB Percent	59%, 9%, 89%
CMY	0.4118, 0.9098, 0.1098
CMYK	0.34, 0.90, 0.00, 0.11
HSL	277°, 82%, 49%
HSV	277°, 90%, 89%
XYZ	26.7492, 12.6429, 73.7035
YIQ	84.2290, 10.2080, 90.3680

Conversions

Conversions Part 2

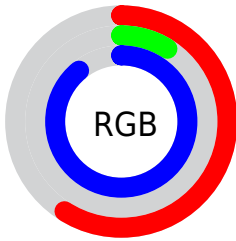
Format	Color
R_{YB}	150, 23, 227
Decimal	9836515
CIE _{Lab}	42.22, 76.71, -75.23
CIE _{LCh}	42, 107.443, 315.561
Yxy	12.6429, 0.2365, 0.1118
Android (android.graphics.Color)	4288026595 (0xFF9617E3)
YUV	84.2290, 70.3861, 57.6812
Hunter-Lab	35.5569, 72.0599, -98.0086

Details

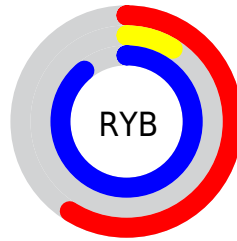
The XYZ color **26.7492, 12.6429, 73.7035** is a dark color, and the websafe version is hex **9933FF**. The color can be described as middle washed purple. A complement of this color would be **32.8793, 57.7095, 10.2169**, and the grayscale version is **8.3326, 8.7666, 9.5468**.

A 20% lighter version of the original color is **48.3694, 28.4038, 97.5409**, and **11.4721, 5.0759, 38.4053** is the 20% darker color. If you saturate the color by 10%, you get **24.9272, 11.2536, 73.5316**, and if you desaturate by 10%, it is **29.0438, 14.8041, 74.0000**.

Distribution



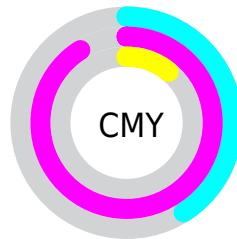
- Red (59%)
- Green (9%)
- Blue (89%)



- Red (59%)
- Yellow (9%)
- Blue (89%)



- Cyan (34%)
- Magenta (90%)
- Yellow (0%)
- Black (11%)





- Cyan (41%)
- Magenta (91%)
- Yellow (11%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 26.7492, 12.6429, 73.7035 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 26.7492, 12.6429, 73.7035 by changing the saturation by 10% instead.


 26.7492, 12.6429,
73.7035


 26.7492, 12.6429,
73.7035


278.6305,
208.6162, 492.5854

 17.5206, 7.1831,
54.0561


 53.9039, 30.6607,
126.2056


 10.7039, 3.5769,
38.2530


 72.5606, 43.9876,
159.8973


 5.9339, 1.4398,
25.8758


 95.0908, 60.7055,
199.1075

 2.8452, 0.2458,
16.5058

 121.8598, 81.1990,
244.2548

 1.0725, 0.0000,
9.7246

 153.2329,
105.8524, 295.7577

 0.0019, 0.0000,
5.1135

 189.5754,

 0.0000, 0.0000,

135.0502, 354.0348

2.2541

231.2529,
169.1766, 419.5045

■ 0.0000, 0.0000,
0.7053

■ 0.0000, 0.0000,
0.0000

■ 26.7492, 12.6429,
73.7035

■ 26.7492, 12.6429,
73.7035

■ 24.9272, 11.2536,
73.5316

■ 29.0438, 14.8041,
74.0000

■ 24.9044, 11.2370,
73.5296

■ 31.9225, 17.9598,
74.4574

■ 35.4534, 22.2418,
75.0978

■ 39.6933, 27.7605,
75.9395

44.6926, 34.6131,
76.9987

50.4962, 42.8866,
78.2898

57.1455, 52.6606,
79.8259

64.6788, 64.0087,
81.6193

73.1318, 76.9995,
83.6812

Harmonies

Analogous

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



16.6511, 12.6429, 115.3515



26.7492, 12.6429, 73.7035



34.0179, 12.6429, 27.9917

Triad

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



26.7492, 12.6429, 73.7035



16.2909, 12.6429, 0.0000



2.4373, 12.6429, 29.3552

Complementary

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



26.7492, 12.6429, 73.7035



32.8793, 57.7095, 10.2169

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.



2.4104, 12.6429, 5.4238



26.7492, 12.6429, 73.7035



8.3335, 12.6429, 0.0000

Square

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



26.7492, 12.6429, 73.7035



26.3865, 12.6429, 0.0000



4.0219, 12.6429, 0.0000



4.1258, 12.6429, 75.5925

Rectangle

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



26.7492, 12.6429, 73.7035



34.8550, 12.6429, 9.9113



4.0219, 12.6429, 0.0000



2.2710, 12.6429, 18.5092

Sweetspot

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



26.7499, 12.6433, 73.7038



67.9579, 59.0612, 102.4259



18.8919, 15.0748, 74.5873



13.9423, 11.7646, 21.7859



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.



26.7499, 12.6433, 73.7038



32.2991, 14.5657, 95.7168



42.7885, 21.2652, 58.4747



14.4404, 14.3293, 18.1491



14.6577, 6.6222, 42.8888



1.1855, 0.5421, 3.1741

Inverse Universe

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



34.2853, 17.8639, 13.6975



43.3627, 22.1091, 13.1081



28.3317, 55.3242, 11.8539



14.6009, 14.4575, 16.0987



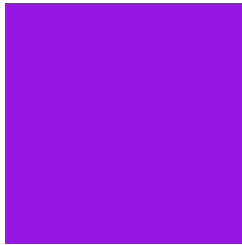
19.4994, 9.9340, 6.2588



1.4849, 0.7517, 0.6941

Previews

White Background



This preview shows how the XYZ color 26.7492, 12.6429, 73.7035 looks on a white background.

Color Contrast Check

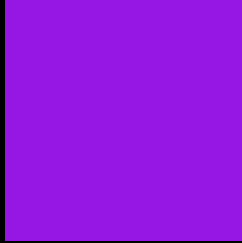
Large Text (above 18pt) WCAG AA ✓ Pass

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 26.7492, 12.6429, 73.7035 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

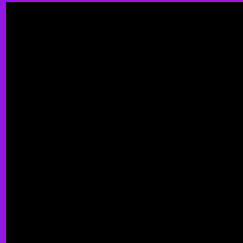
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 26.7492, 12.6429, 73.7035

Background



This preview shows how black text looks on a background with the XYZ color 26.7492, 12.6429, 73.7035.



This preview shows how white text looks on a background with the XYZ color 26.7492, 12.6429,

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

26.7492, 12.6429, 73.7035

Protanopia

15.1738, 12.9090, 58.8187

Deuteranopia

12.6867, 12.8351, 42.8831



Tritanopia

14.4180, 12.6110, 12.9835

Trichromacy



Original Color

26.7492, 12.6429, 73.7035



Protanomaly

15.6494, 9.9460, 63.3823



Deuteranomaly

13.8747, 9.6499, 52.7611



Tritanomaly

16.9739, 11.0609, 27.6259

Monochromacy



Original Color

26.7492, 12.6429, 73.7035



Achromatopsia

8.4267, 8.8656, 9.6546



Achromatomaly

12.3509, 8.4110, 24.2651

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.7492, 12.6429, 73.7035 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(150, 23, 227)` looks like.

```
.text, #text, p{  
    color:rgb(150, 23, 227)  
}
```

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(150, 23, 227) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(150, 23, 227) }
```

Border

The CSS property to change the border of an element to XYZ 26.7492, 12.6429, 73.7035 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(150, 23, 227) }
```


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

```
.border{ border-color:rgb(150, 23, 227) }
```

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

Here you see how a box with a 4 pixel rgb(150, 23, 227) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(150, 23, 227); -webkit-box-  
shadow:4px 4px 4px 4px rgb(150, 23, 227);  
box-shadow:4px 4px 4px 4px rgb(150, 23,  
227) }
```

Background

The CSS property to change the background color of an element to XYZ 26.7492, 12.6429, 73.7035 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(150, 23, 227) }
```

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

```
.background{ background-color: rgb(150, 23,  
227) }
```

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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