

Converting Colors

XYZ(26.9684, 13.4461, 75.3027)

Have a look what the booklet for
XYZ(26.9684, 13.4461, 75.3027)
contains.

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Color

**XYZ(26.9684, 13.4461,
75.3027)**

Conversions

Conversions Part 1

Format	Color
Hex	9329E5
RGB	147, 41, 229
RGB Percent	58%, 16%, 90%
CMY	0.4235, 0.8392, 0.1020
CMYK	0.36, 0.82, 0.00, 0.10
HSL	274°, 78%, 53%
HSV	274°, 82%, 90%
XYZ	26.9684, 13.4461, 75.3027
YIQ	94.1260, 2.8280, 80.9400

Conversions

Conversions Part 2

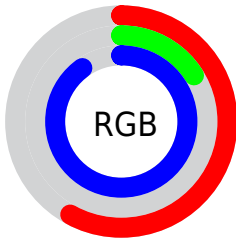
Format	Color
R_{YB}	147, 41, 229
Decimal	9644517
CIE _{Lab}	43.43, 72.40, -74.41
CIE _{LCh}	43, 103.817, 314.218
Yxy	13.4461, 0.2331, 0.1162
Android (android.graphics.Color)	4287834597 (0xFF9329E5)
YUV	94.1260, 66.4929, 46.3705
Hunter-Lab	36.6689, 67.1084, -96.0887

Details

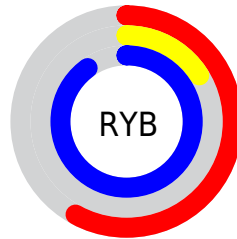
The XYZ color **26.9684, 13.4461, 75.3027** is a dark color, and the websafe version is hex **9933FF**. The color can be described as middle washed purple. A complement of this color would be **36.5879, 60.4098, 11.8299**, and the grayscale version is **10.5172, 11.0649, 12.0497**.

A 20% lighter version of the original color is **48.4358, 29.7928, 97.8055**, and **11.3769, 5.0048, 39.3961** is the 20% darker color. If you saturate the color by 10%, you get **24.6799, 11.4127, 75.0311**, and if you desaturate by 10%, it is **29.8737, 16.4801, 75.7355**.

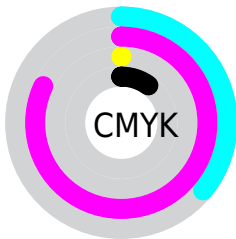
Distribution



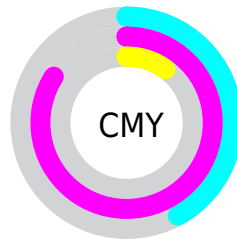
- Red (58%)
- Green (16%)
- Blue (90%)



- Red (58%)
- Yellow (16%)
- Blue (90%)



- Cyan (36%)
- Magenta (82%)
- Yellow (0%)
- Black (10%)





- Cyan (42%)
- Magenta (84%)
- Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 26.9684, 13.4461, 75.3027 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 26.9684, 13.4461, 75.3027 by changing the saturation by 10% instead.


 26.9684, 13.4461,
75.3027


 26.9684, 13.4461,
75.3027


279.6744,
213.7572, 498.2405


 17.6860, 7.7364,
55.3577


 54.2534, 32.1029,
128.4918


 10.8231, 3.9268,
39.2876


 72.9867, 45.8189,
162.5729


 6.0144, 1.6327,
26.6740


 95.6009, 62.9724,
202.2032

 2.8946, 0.3795,
17.0983

 122.4615, 83.9479,
247.8012

 1.0983, 0.0000,
10.1419

 153.9338,
109.1297, 299.7853

 0.0237, 0.0000,
5.3863

 190.3832,

 0.0000, 0.0000,

138.9023, 358.5743

2.4130

232.1749,
173.6500, 424.5865

■ 0.0000, 0.0000,
0.7935

■ 0.0000, 0.0000,
0.0000

■ 26.9684, 13.4461,
75.3027

■ 26.9684, 13.4461,
75.3027

■ 24.6799, 11.4127,
75.0311

■ 29.8737, 16.4801,
75.7355

■ 23.2144, 10.3337,
74.9001

■ 33.4671, 20.6548,
76.3519

■ 37.8108, 26.0881,
77.1717

■ 42.9587, 32.8826,
78.2118

48.9592, 41.1300,
79.4875

55.8565, 50.9138,
81.0124

63.6915, 62.3109,
82.7993

72.5024, 75.3931,
84.8601

82.3252, 90.2278,
87.2057

Harmonies

Analogous

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



16.9892, 13.4461, 114.0235



26.9684, 13.4461, 75.3027



34.3235, 13.4461, 30.3863

Triad

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



26.9684, 13.4461, 75.3027



17.4894, 13.4461, 0.0000



2.8600, 13.4461, 28.5165

Complementary

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



26.9684, 13.4461, 75.3027



36.5879, 60.4098, 11.8299

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.



2.9007, 13.4461, 5.5658



26.9684, 13.4461, 75.3027



9.3309, 13.4461, 0.0000

Square

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



26.9684, 13.4461, 75.3027



27.4649, 13.4461, 0.1730



4.7178, 13.4461, 0.0329



4.5651, 13.4461, 72.7718

Rectangle

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



26.9684, 13.4461, 75.3027



35.3848, 13.4461, 11.6052



4.7178, 13.4461, 0.0329



2.7030, 13.4461, 18.1636

Sweetspot

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



26.9691, 13.4465, 75.3030



68.4754, 60.9534, 102.7639



22.4674, 20.9485, 76.9883



13.9892, 12.0995, 21.8481



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.



26.9691, 13.4465, 75.3030



29.7357, 13.2853, 95.6048



45.9716, 23.3902, 69.5248



14.3565, 14.2860, 18.1451



13.4134, 5.9808, 42.8306



1.0974, 0.4967, 3.1700

Inverse Universe

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



36.6813, 19.6741, 20.6027



44.2291, 22.4999, 17.5338



29.5184, 56.7441, 12.4602



14.6367, 14.4719, 16.2875



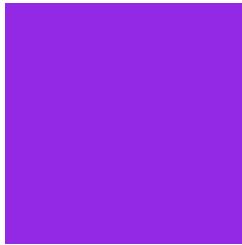
19.8450, 10.0722, 8.0785



1.5124, 0.7627, 0.8390

Previews

White Background



This preview shows how the XYZ color 26.9684, 13.4461, 75.3027 looks on a white background.

Color Contrast Check

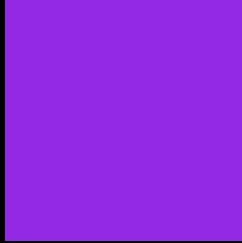
Large Text (above 18pt) WCAG AA ✓ Pass

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 26.9684, 13.4461, 75.3027 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

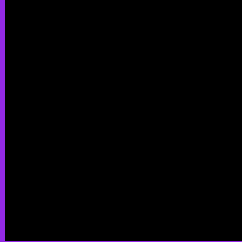
Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

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

XYZ 26.9684, 13.4461, 75.3027

Background



This preview shows how black text looks on a background with the XYZ color 26.9684, 13.4461, 75.3027.



This preview shows how white text looks on a background with the XYZ color 26.9684, 13.4461,

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

26.9684, 13.4461, 75.3027

Protanopia

15.9705, 13.5271, 62.0909

Deuteranopia

13.4945, 13.6443, 45.6384



Tritanopia

14.5664, 13.3013, 14.6316

Trichromacy



Original Color

26.9684, 13.4461, 75.3027



Protanomaly

16.5873, 11.1635, 66.2463



Deuteranomaly

14.6785, 10.8687, 54.7503



Tritanomaly

17.3010, 12.0274, 29.8434

Monochromacy



Original Color

26.9684, 13.4461, 75.3027



Achromatopsia

10.6392, 11.1932, 12.1894



Achromatomaly

14.2841, 10.5260, 27.2655

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.9684, 13.4461, 75.3027 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(147, 41, 229)` looks like.

```
.text, #text, p{  
    color:rgb(147, 41, 229)  
}
```

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(147, 41, 229) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(147, 41, 229) }
```

Border

The CSS property to change the border of an element to XYZ 26.9684, 13.4461, 75.3027 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(147, 41, 229) }
```


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

```
.border{ border-color:rgb(147, 41, 229) }
```

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

Here you see how a box with a 4 pixel `rgb(147, 41, 229)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(147, 41, 229); -webkit-box-  
shadow:4px 4px 4px 4px rgb(147, 41, 229);  
box-shadow:4px 4px 4px 4px rgb(147, 41,  
229) }
```

Background

The CSS property to change the background color of an element to XYZ 26.9684, 13.4461, 75.3027 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(147, 41, 229) }
```

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

```
.background{ background-color: rgb(147, 41,  
229) }
```

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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