

Converting Colors

XYZ(26.8348, 18.9341, 46.5022)

Have a look what the booklet for
XYZ(26.8348, 18.9341, 46.5022)
contains.

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Color

**XYZ(26.8338, 18.9327,
46.4961)**

Conversions

Conversions Part 1

Format	Color
Hex	9F5FB6
RGB	159, 95, 182
RGB Percent	62%, 37%, 71%
CMY	0.3765, 0.6274, 0.2863
CMYK	0.13, 0.48, 0.00, 0.29
HSL	284°, 37%, 54%
HSV	284°, 48%, 71%
XYZ	26.8338, 18.9327, 46.4961
YIQ	124.0540, 10.2170, 40.6250

Conversions

Conversions Part 2

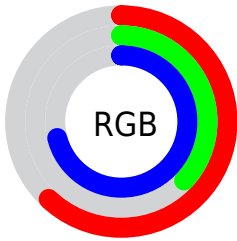
Format	Color
R _Y B	159, 95, 182
Decimal	10444726
CIE Lab	50.61, 40.90, -35.77
CIE LCh	51, 54.335, 318.833
Yxy	18.9327, 0.2908, 0.2052
Android (android.graphics.Color)	4288634806 (0xFF9F5FB6)
YUV	124.0540, 28.5674, 30.6476
Hunter-Lab	43.5117, 33.9359, -32.8984

Details

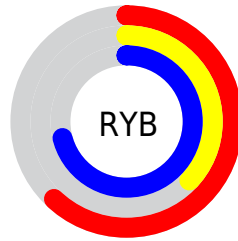
The XYZ color **26.8338, 18.9327, 46.4961** is a dark color, and the websafe version is hex **9966CC**. A complement of this color would be **26.2652, 38.1341, 16.8035**, and the grayscale version is **19.0822, 20.0759, 21.8627**.

A 20% lighter version of the original color is **53.8907, 41.4876, 86.0565**, and **10.7265, 6.4650, 21.4514** is the 20% darker color. If you saturate the color by 10%, you get **24.4464, 15.5464, 45.9686**, and if you desaturate by 10%, it is **29.6427, 23.1057, 47.1538**.

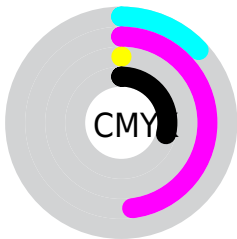
Distribution



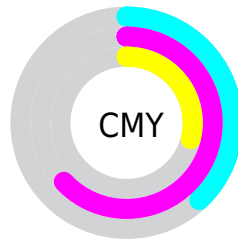
- Red (62%)
- Green (37%)
- Blue (71%)



- Red (62%)
- Yellow (37%)
- Blue (71%)



- Cyan (13%)
- Magenta (48%)
- Yellow (0%)
- Black (29%)



- Cyan (38%)
- Magenta (63%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 26.8338, 18.9327, 46.4961 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 26.8338, 18.9327, 46.4961 by changing the saturation by 10% instead.

■ 26.8338, 18.9327,
46.4961

■ 26.8338, 18.9327,
46.4961

279.0338,
246.0770, 389.1349

■ 17.5844, 11.6217,
32.2860

■ 54.0388, 41.6203,
86.3031

■ 10.7499, 6.4866,
21.3134

■ 72.7251, 57.7657,
112.7370

■ 5.9650, 3.1432,
13.1598

■ 95.2878, 77.6247,
144.0826

■ 2.8642, 1.2069,
7.4067

■ 122.0922,
101.5817, 180.7585

■ 1.0824, 0.0674,
3.6354

153.5036,
130.0210, 223.1831

■ 0.0103, 0.0000,
1.4275

189.8874,

■ 0.0000, 0.0000,

163.3270, 271.7750

0.1631

231.6090,
201.8842, 326.9528

■ 0.0000, 0.0000,
0.0000

■ 26.8338, 18.9327,
46.4961

■ 26.8338, 18.9327,
46.4961

■ 24.4464, 15.5464,
45.9686

■ 29.6427, 23.1057,
47.1538

■ 22.4509, 12.8900,
45.5610

■ 32.8959, 28.1121,
47.9487

■ 20.8170, 10.9028,
45.2636

■ 36.6168, 33.9977,
48.8886

■ 19.5086, 9.5133,
45.0644

■ 40.8268, 40.8043,
49.9805

■ 18.4698, 8.6106,
44.9449

■ 45.5456, 48.5711,
51.2310

■ 18.2571, 8.4365,
44.9225

■ 50.7919, 57.3348,
52.6460

■ 56.5833, 67.1302,
54.2315

■ 62.9369, 77.9905,
55.9929

■ 68.6431, 87.4965,
57.5270

Harmonies

Analogous

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



21.4986, 18.9327, 62.5599



26.8338, 18.9327, 46.4961



29.9944, 18.9327, 26.8163

Triad

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



26.8338, 18.9327, 46.4961



20.0470, 18.9327, 3.1714



9.9539, 18.9327, 31.5760

Complementary

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



26.8338, 18.9327, 46.4961



26.2652, 38.1341, 16.8035

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.



9.7175, 18.9327, 15.4512



26.8338, 18.9327, 46.4961



14.8943, 18.9327, 3.4711

Square

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



26.8338, 18.9327, 46.4961



25.5927, 18.9327, 5.5016



11.3476, 18.9327, 6.7298



12.0728, 18.9327, 51.4178

Rectangle

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



26.8338, 18.9327, 46.4961



30.0961, 18.9327, 16.4400



11.3476, 18.9327, 6.7298



9.6697, 18.9327, 25.4419

Sweetspot

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



26.8345, 18.9335, 46.4965



69.0021, 65.8397, 89.3073



19.6655, 18.8151, 46.8515



14.8880, 13.9751, 19.6344



88.6918, 93.3107, 101.6153



17.8044, 18.7317, 20.3988

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



26.8345, 18.9335, 46.4965



44.2560, 28.0960, 83.3262



29.8791, 20.7281, 36.4694



9.1430, 9.0401, 11.3425



12.9580, 5.9913, 31.7265



0.5118, 0.2395, 1.1210

Inverse Universe

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



26.6541, 19.4382, 19.4872



44.2905, 29.3547, 27.2663



24.5596, 37.1340, 22.1842



9.0995, 9.0502, 9.8713



14.0257, 7.1841, 2.7564



0.5209, 0.2638, 0.2364

Previews

White Background



This preview shows how the XYZ color 26.8338, 18.9327, 46.4961 looks on a white background.

Color Contrast Check

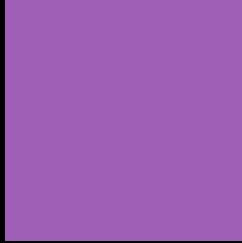
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the XYZ color 26.8338, 18.9327, 46.4961 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

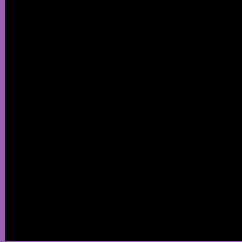
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 26.8338, 18.9327, 46.4961

Background



This preview shows how black text looks on a background with the XYZ color 26.8338, 18.9327, 46.4961.



This preview shows how white text looks on a background with the XYZ color 26.8338, 18.9327,

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

26.8338, 18.9327, 46.4961

Protanopia

20.9769, 19.1996, 58.4774

Deuteranopia

19.5820, 19.1487, 44.2589



Tritanopia

21.4236, 18.9439, 19.6669

Trichromacy



Original Color

26.8338, 18.9327, 46.4961

Protanomaly

22.2363, 18.6027, 54.0485

Deuteranomaly

21.5669, 18.6166, 45.1045

Tritanomaly

22.9962, 18.7985, 27.6158

Monochromacy



Original Color

26.8338, 18.9327, 46.4961

Achromatopsia

19.1579, 20.1556, 21.9495

Achromatomaly

21.3325, 19.1730, 29.3645

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.8338, 18.9327, 46.4961 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(159, 95, 182)` looks like.

```
.text, #text, p{  
    color:rgb(159, 95, 182)  
}
```

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(159, 95, 182) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(159, 95, 182) }
```

Border

The CSS property to change the border of an element to XYZ 26.8338, 18.9327, 46.4961 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(159, 95, 182) }
```


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

```
.border{ border-color:rgb(159, 95, 182) }
```

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

Here you see how a box with a 4 pixel rgb(159, 95, 182) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(159, 95, 182); -webkit-box-  
shadow:4px 4px 4px 4px rgb(159, 95, 182);  
box-shadow:4px 4px 4px 4px rgb(159, 95,  
182) }
```

Background

The CSS property to change the background color of an element to XYZ 26.8338, 18.9327, 46.4961 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(159, 95, 182) }
```

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

```
.background{ background-color: rgb(159, 95,  
182) }
```

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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