

Converting Colors

XYZ(26.5026, 18.3241, 74.7777)

Have a look what the booklet for
XYZ(26.5026, 18.3241, 74.7777)
contains.

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Color

**XYZ(26.5054, 18.2718,
74.8029)**

Conversions

Conversions Part 1

Format	Color
Hex	7D60E3
RGB	125, 96, 227
RGB Percent	49%, 38%, 89%
CMY	0.5098, 0.6235, 0.1098
CMYK	0.45, 0.58, 0.00, 0.11
HSL	253°, 70%, 63%
HSV	253°, 58%, 89%
XYZ	26.5054, 18.2718, 74.8029
YIQ	119.6050, -24.7670, 46.8890

Conversions

Conversions Part 2

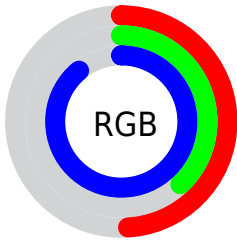
Format	Color
R_{YB}	125, 96, 227
Decimal	8216803
CIE _{Lab}	49.82, 42.94, -62.98
CIE _{LCh}	50, 76.229, 304.284
Yxy	18.2718, 0.2217, 0.1528
Android (android.graphics.Color)	4286406883 (0xFF7D60E3)
YUV	119.6050, 52.9457, 4.7314
Hunter-Lab	42.7455, 35.8786, -73.8332

Details

The XYZ color **26.5054, 18.2718, 74.8029** is a light color, and the websafe version is hex **9966FF**. A complement of this color would be **52.8689, 67.7886, 21.3647**, and the grayscale version is **17.5699, 18.4849, 20.1300**.

A 20% lighter version of the original color is **48.1683, 38.4671, 99.4939**, and **10.5876, 6.1780, 39.1625** is the 20% darker color. If you saturate the color by 10%, you get **22.3707, 13.4972, 74.0996**, and if you desaturate by 10%, it is **31.6987, 24.4798, 75.7278**.

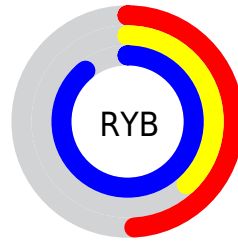
Distribution



Red (49%)

Green (38%)

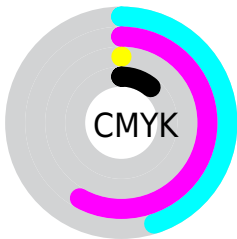
Blue (89%)



Red (49%)

Yellow (38%)

Blue (89%)

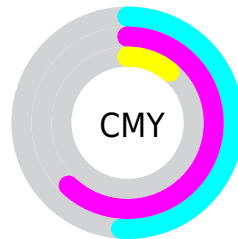


Cyan (45%)

Magenta (58%)

Yellow (0%)

Black (11%)



Cyan (51%)

Magenta (62%)

Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 26.5054, 18.2718, 74.8029 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 26.5054, 18.2718, 74.8029 by changing the saturation by 10% instead.

■ 26.5054, 18.2718,
74.8029

■ 26.5054, 18.2718,
74.8029

277.4657,
242.3986, 496.4772

■ 17.3368, 11.1453,
54.9507

■ 53.5147, 40.4999,
127.7778

■ 10.5717, 6.1647,
38.9639

■ 72.0860, 56.3703,
161.7377

■ 5.8448, 2.9455,
26.4240

■ 94.5224, 75.9242,
201.2371

■ 2.7907, 1.1033,
16.9125

■ 121.1890, 99.5458,
246.6946

■ 1.0441, 0.0000,
10.0108

152.4513,
127.6197, 298.5289

■ 0.0000, 0.0000,
5.3004

188.6746,

■ 0.0000, 0.0000,

160.5302, 357.1584

2.3628

230.2243,
198.6617, 423.0016

■ 0.0000, 0.0000,
0.7661

■ 0.0000, 0.0000,
0.0000

■ 26.5054, 18.2718,
74.8029

■ 26.5054, 18.2718,
74.8029

■ 22.3707, 13.4972,
74.0996

■ 31.6987, 24.4798,
75.7278

■ 19.2147, 10.0355,
73.5978

■ 38.0173, 32.2245,
76.8897

■ 16.9492, 7.7489,
73.2758

■ 45.5252, 41.6016,
78.3040

■ 15.4595, 6.4518,
73.1040

■ 54.2809, 52.6985,
79.9844

■ 15.1933, 6.2307,
73.0754

■ 64.3388, 65.5961,
81.9438

■ 75.7500, 80.3704,
84.1941

■ 88.5629, 97.0928,
86.7465

■ 90.8652, 98.3261,
86.8632

Harmonies

Analogous

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



18.4336, 18.2718, 92.6278



26.5054, 18.2718, 74.8029



33.2776, 18.2718, 42.8523

Triad

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



26.5054, 18.2718, 74.8029



24.1763, 18.2718, 1.2246



6.8138, 18.2718, 23.0424

Complementary

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



26.5054, 18.2718, 74.8029



52.8689, 67.7886, 21.3647

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.



7.5617, 18.2718, 7.0771



26.5054, 18.2718, 74.8029



16.3420, 18.2718, 0.6912

Square

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



26.5054, 18.2718, 74.8029



31.6903, 18.2718, 4.7793



10.6149, 18.2718, 1.7534



8.1784, 18.2718, 52.0988

Rectangle

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



26.5054, 18.2718, 74.8029



35.3507, 18.2718, 24.1607



10.6149, 18.2718, 1.7534



6.8301, 18.2718, 16.1633

Sweetspot

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



26.5062, 18.2724, 74.8034



71.4003, 69.5432, 104.2677



39.0248, 48.7040, 80.0175



14.7561, 14.2141, 22.2158



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.



26.5062, 18.2724, 74.8034



28.3214, 16.6710, 96.3329



39.2545, 24.8444, 75.4000



13.8797, 14.0402, 18.1228



8.9427, 3.6760, 42.6214



0.7394, 0.3122, 3.1532

Inverse Universe

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



46.0546, 28.7742, 56.5517



56.4402, 31.8194, 68.1639



39.2722, 60.7792, 20.7284



14.8514, 14.5577, 17.4176



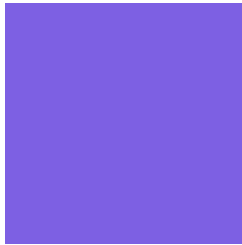
23.1339, 11.3878, 25.3977



1.7433, 0.8550, 2.0548

Previews

White Background



This preview shows how the XYZ color 26.5054, 18.2718, 74.8029 looks on a white background.

Color Contrast Check

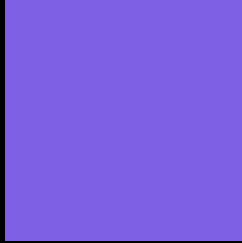
Large Text (above 18pt) WCAG AA ✓ Pass

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 26.5054, 18.2718, 74.8029 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

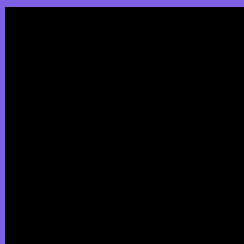
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 26.5054, 18.2718, 74.8029

Background



This preview shows how black text looks on a background with the XYZ color 26.5054, 18.2718, 74.8029.



This preview shows how white text looks on a background with the XYZ color 26.5054, 18.2718,

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

26.5054, 18.2718, 74.8029

Protanopia

22.1950, 18.5057, 87.1962

Deuteranopia

18.7210, 18.4282, 64.8577



Tritanopia

16.3118, 18.2671, 24.1389

Trichromacy



Original Color

26.5054, 18.2718, 74.8029



Protanomaly

21.6259, 17.1877, 82.2985



Deuteranomaly

19.4007, 17.1560, 67.9345



Tritanomaly

19.0947, 17.8146, 38.5086

Monochromacy



Original Color

26.5054, 18.2718, 74.8029



Achromatopsia

17.8524, 18.7821, 20.4537



Achromatomaly

19.9685, 18.0097, 35.2246

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.5054, 18.2718, 74.8029 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(125, 96, 227)` looks like.

```
.text, #text, p{  
    color:rgb(125, 96, 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(125, 96, 227) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(125, 96, 227) }
```

Border

The CSS property to change the border of an element to XYZ 26.5054, 18.2718, 74.8029 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(125, 96, 227) }
```


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

```
.border{ border-color:rgb(125, 96, 227) }
```

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

Here you see how a box with a 4 pixel rgb(125, 96, 227) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(125, 96, 227); -webkit-box-  
shadow:4px 4px 4px 4px rgb(125, 96, 227);  
box-shadow:4px 4px 4px 4px rgb(125, 96,  
227) }
```

Background

The CSS property to change the background color of an element to XYZ 26.5054, 18.2718, 74.8029 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(125, 96, 227) }
```

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

```
.background{ background-color: rgb(125, 96,  
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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