

Converting Colors

XYZ(26.5974, 18.6048, 49.7662)

Have a look what the booklet for
XYZ(26.5974, 18.6048, 49.7662)
contains.

XYZ(26.5974, 18.6048, 49.7662)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(26.5974, 18.6048,
49.7662)**

Conversions

Conversions Part 1

Format	Color
Hex	9B5EBC
RGB	155, 94, 188
RGB Percent	61%, 37%, 74%
CMY	0.3921, 0.6314, 0.2627
CMYK	0.18, 0.50, 0.00, 0.26
HSL	279°, 41%, 55%
HSV	279°, 50%, 74%
XYZ	26.5974, 18.6048, 49.7662
YIQ	122.9550, 6.1820, 42.1660

Conversions

Conversions Part 2

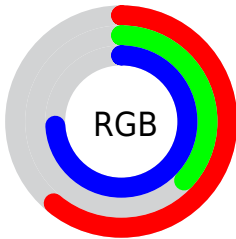
Format	Color
R _Y B	155, 94, 188
Decimal	10182332
CIE _{Lab}	50.22, 41.60, -39.88
CIE _{LCh}	50, 57.634, 316.209
Yxy	18.6048, 0.2801, 0.1959
Android (android.graphics.Color)	4288372412 (0xFF9B5EBC)
YUV	122.9550, 32.0672, 28.1035
Hunter-Lab	43.1333, 34.5857, -38.2142

Details

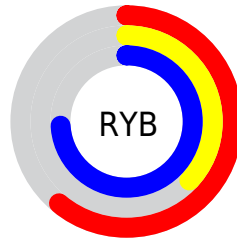
The XYZ color **26.5974, 18.6048, 49.7662** is a dark color, and the websafe version is hex **9966CC**. A complement of this color would be **28.7564, 41.2870, 17.0439**, and the grayscale version is **18.7088, 19.6831, 21.4349**.

A 20% lighter version of the original color is **53.6243, 40.9992, 91.4735**, and **10.5706, 6.2893, 23.2111** is the 20% darker color. If you saturate the color by 10%, you get **23.8927, 15.0241, 49.2179**, and if you desaturate by 10%, it is **29.7799, 23.0370, 50.4543**.

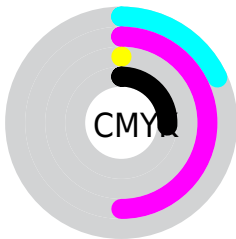
Distribution



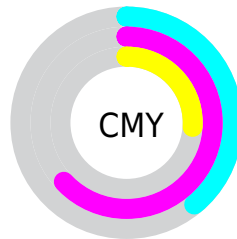
- Red (61%)
- Green (37%)
- Blue (74%)



- Red (61%)
- Yellow (37%)
- Blue (74%)



- Cyan (18%)
- Magenta (50%)
- Yellow (0%)
- Black (26%)



- Cyan (39%)
- Magenta (63%)
- Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 26.5974, 18.6048, 49.7662 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 26.5974, 18.6048, 49.7662 by changing the saturation by 10% instead.

■ 26.5974, 18.6048,
49.7662

■ 26.5974, 18.6048,
49.7662

277.9057,
244.2583, 402.4598

■ 17.4061, 11.3851,
34.8578

■ 53.6616, 41.0652,
91.2211

■ 10.6216, 6.3265,
23.2707

■ 72.2652, 57.0747,
118.6047

■ 5.8784, 3.0446,
14.5863

■ 94.7370, 76.7829,
150.9837

■ 2.8112, 1.1551,
8.3862

■ 121.4423,
100.5742, 188.7768

■ 1.0547, 0.0245,
4.2517

152.7465,
128.8330, 232.4023

■ 0.0000, 0.0000,
1.7644

189.0149,

■ 0.0000, 0.0000,

161.9437, 282.2790

0.4043

230.6128,
200.2906, 338.8253

■ 0.0000, 0.0000,
0.0000

■ 26.5974, 18.6048,
49.7662

■ 26.5974, 18.6048,
49.7662

■ 23.8927, 15.0241,
49.2179

■ 29.7799, 23.0370,
50.4543

■ 21.6324, 12.2317,
48.7981

■ 33.4662, 28.3729,
51.2899

■ 19.7819, 10.1595,
48.4956

■ 37.6827, 34.6634,
52.2819

■ 18.2997, 8.7260,
48.2970

■ 42.4533, 41.9548,
53.4378

■ 17.1036, 7.7687,
48.1753

■ 47.8005, 50.2902,
54.7649

■ 17.1035, 7.7686,
48.1753

■ 53.7451, 59.7103,
56.2698

■ 60.3073, 70.2535,
57.9590

■ 67.5059, 81.9563,
59.8385

■ 72.6859, 89.5074,
61.0230

Harmonies

Analogous

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



20.8450, 18.6048, 66.3006



26.5974, 18.6048, 49.7662



30.2592, 18.6048, 28.4854

Triad

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



26.5974, 18.6048, 49.7662



20.3616, 18.6048, 2.6835



9.2630, 18.6048, 30.0840

Complementary

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



26.5974, 18.6048, 49.7662



28.7564, 41.2870, 17.0439

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.



9.1872, 18.6048, 13.7894



26.5974, 18.6048, 49.7662



14.8586, 18.6048, 2.7715

Square

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



26.5974, 18.6048, 49.7662



26.1800, 18.6048, 5.2019



11.0233, 18.6048, 5.5806



11.2582, 18.6048, 51.4516

Rectangle

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



26.5974, 18.6048, 49.7662



30.6125, 18.6048, 17.1174



11.0233, 18.6048, 5.5806



9.0291, 18.6048, 23.7599

Sweetspot

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



26.5981, 18.6056, 49.7666



72.2755, 68.8718, 95.7105



21.4740, 21.5716, 50.6092



15.1566, 14.2224, 20.4889



90.7827, 95.5105, 104.0109



18.6292, 19.5994, 21.3438

Same Dimension

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



26.5981, 18.6056, 49.7666



42.8639, 26.6694, 89.1147



32.5260, 21.8109, 43.2942



9.5960, 9.5241, 12.0048



11.7277, 5.3319, 32.8039



0.5277, 0.2441, 1.2882

Inverse Universe

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



28.5730, 20.2297, 22.4779



47.4101, 30.2823, 31.9827



25.2292, 39.3983, 20.0572



9.6648, 9.5902, 10.6236



14.8219, 7.5599, 4.3558



0.6120, 0.3087, 0.3362

Previews

White Background



This preview shows how the XYZ color 26.5974, 18.6048, 49.7662 looks on a white background.

Color Contrast Check

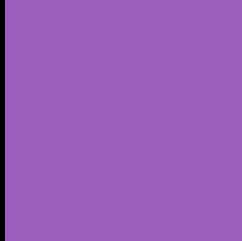
Large Text (above 18pt) WCAG AA ✓ Pass

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 26.5974, 18.6048, 49.7662 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

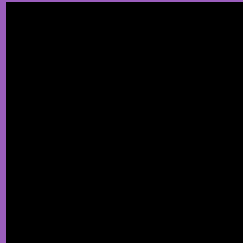
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 26.5974, 18.6048, 49.7662

Background



This preview shows how black text looks on a background with the XYZ color 26.5974, 18.6048, 49.7662.



This preview shows how white text looks on a background with the XYZ color 26.5974, 18.6048,

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

26.5974, 18.6048, 49.7662

Protanopia

21.0118, 18.9457, 62.8711

Deuteranopia

19.2639, 18.7364, 47.4009



Tritanopia

20.5158, 18.6301, 19.9674

Trichromacy



Original Color

26.5974, 18.6048, 49.7662

Protanomaly

21.9551, 18.2185, 57.6177

Deuteranomaly

21.1429, 18.1654, 48.2909

Tritanomaly

22.2984, 18.4127, 28.7643

Monochromacy



Original Color

26.5974, 18.6048, 49.7662

Achromatopsia

18.8265, 19.8069, 21.5697

Achromatomaly

21.0523, 18.8458, 30.1318

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.5974, 18.6048, 49.7662 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(155, 94, 188)` looks like.

```
.text, #text, p{  
    color:rgb(155, 94, 188)  
}
```

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(155, 94, 188) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(155, 94, 188) }
```

Border

The CSS property to change the border of an element to XYZ 26.5974, 18.6048, 49.7662 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(155, 94, 188) }
```


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

```
.border{ border-color:rgb(155, 94, 188) }
```

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

Here you see how a box with a 4 pixel `rgb(155, 94, 188)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(155, 94, 188); -webkit-box-  
shadow:4px 4px 4px 4px rgb(155, 94, 188);  
box-shadow:4px 4px 4px 4px rgb(155, 94,  
188) }
```

Background

The CSS property to change the background color of an element to XYZ 26.5974, 18.6048, 49.7662 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(155, 94, 188) }
```

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

```
.background{ background-color: rgb(155, 94,  
188) }
```

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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