

Converting Colors

XYZ(26.0449, 18.6261, 61.0095)

Have a look what the booklet for
XYZ(26.0449, 18.6261, 61.0095)
contains.

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Color

**XYZ(26.1114, 18.6436,
61.2538)**

Conversions

Conversions Part 1

Format	Color
Hex	8A62CF
RGB	138, 98, 207
RGB Percent	54%, 38%, 81%
CMY	0.4588, 0.6157, 0.1882
CMYK	0.33, 0.53, 0.00, 0.19
HSL	262°, 53%, 60%
HSV	262°, 53%, 81%
XYZ	26.1114, 18.6436, 61.2538
YIQ	122.3860, -11.1490, 42.3790

Conversions

Conversions Part 2

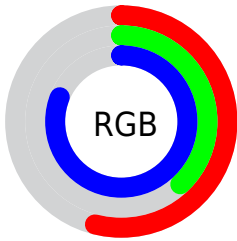
Format	Color
R _Y B	138, 98, 207
Decimal	9069263
CIE Lab	50.27, 39.40, -50.85
CIE LCh	50, 64.328, 307.772
Yxy	18.6436, 0.2463, 0.1759
Android (android.graphics.Color)	4287259343 (0xFF8A62CF)
YUV	122.3860, 41.7147, 13.6935
Hunter-Lab	43.1782, 32.3833, -53.8856

Details

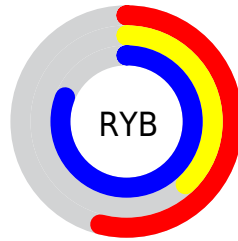
The XYZ color **26.1114, 18.6436, 61.2538** is a dark color, and the websafe version is hex **9966CC**. A complement of this color would be **40.4538, 53.7232, 19.7932**, and the grayscale version is **18.4959, 19.4591, 21.1909**.

A 20% lighter version of the original color is **51.2045, 40.5020, 99.7266**, and **10.3331, 6.3026, 30.3777** is the 20% darker color. If you saturate the color by 10%, you get **22.3804, 14.2076, 60.5946**, and if you desaturate by 10%, it is **30.6062, 24.2173, 62.0931**.

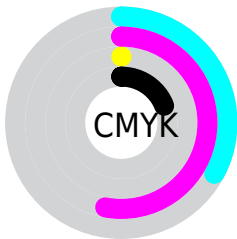
Distribution



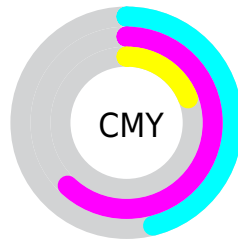
- Red (54%)
- Green (38%)
- Blue (81%)



- Red (54%)
- Yellow (38%)
- Blue (81%)



- Cyan (33%)
- Magenta (53%)
- Yellow (0%)
- Black (19%)



- Cyan (46%)
- Magenta (62%)
- Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 26.1114, 18.6436, 61.2538 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 26.1114, 18.6436, 61.2538 by changing the saturation by 10% instead.

■ 26.1114, 18.6436,
61.2538

■ 26.1114, 18.6436,
61.2538

275.5752,
244.4741, 447.1363

■ 17.0401, 11.4130,
43.9981

■ 52.8846, 41.1310,
108.2074

■ 10.3586, 6.3454,
30.3319

■ 71.3173, 57.1566,
138.7425

■ 5.7014, 3.0562,
19.8364

■ 93.6011, 76.8827,
174.5411

■ 2.7033, 1.1611,
12.0933

■ 120.1015,
100.6937, 216.0218

■ 0.9989, 0.0296,
6.6839

151.1837,
128.9739, 263.6031

■ 0.0000, 0.0000,
3.1898

187.2131,

■ 0.0000, 0.0000,

162.1078, 317.7036

1.1923

228.5552,
200.4797, 378.7418

■ 0.0000, 0.0000,
0.0000

■ 26.1114, 18.6436,
61.2538

■ 26.1114, 18.6436,
61.2538

■ 22.3804, 14.2076,
60.5946

■ 30.6062, 24.2173,
62.0931

■ 19.3623, 10.8235,
60.1004

■ 35.9067, 31.0017,
63.1233

■ 17.0026, 8.3962,
59.7563

■ 42.0540, 39.0660,
64.3558

■ 15.2363, 6.8114,
59.5435

■ 49.0856, 48.4732,
65.8010

■ 14.2404, 6.0402,
59.4471

■ 57.0369, 59.2824,
67.4683

■ 65.9410, 71.5491,
69.3667

■ 75.8293, 85.3255,
71.5046

■ 83.9260, 95.0495,
72.9548

■ 88.2625, 97.2850,
73.1578

Harmonies

Analogous

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



19.3889, 18.6436, 76.7477



26.1114, 18.6436, 61.2538



31.2735, 18.6436, 36.2294

Triad

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



26.1114, 18.6436, 61.2538



22.6461, 18.6436, 2.2285



8.3080, 18.6436, 25.2982

Complementary

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



26.1114, 18.6436, 61.2538



40.4538, 53.7232, 19.7932

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.



8.7876, 18.6436, 9.8953



26.1114, 18.6436, 61.2538



16.1501, 18.6436, 1.7547

Square

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



26.1114, 18.6436, 61.2538



28.9683, 18.6436, 5.7081



11.3521, 18.6436, 3.4695



9.8414, 18.6436, 49.3764

Rectangle

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



26.1114, 18.6436, 61.2538



32.5774, 18.6436, 21.6623



11.3521, 18.6436, 3.4695



8.2473, 18.6436, 18.9955

Sweetspot

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



26.1122, 18.6443, 61.2542



74.5156, 72.1010, 104.5972



30.1248, 34.7518, 64.1518



15.4442, 14.7563, 22.2842



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.



26.1122, 18.6443, 61.2542



35.2788, 22.0900, 97.0121



37.4872, 24.5083, 61.7866



11.5675, 11.6259, 14.8780



9.0677, 3.8549, 37.4586



0.5933, 0.2600, 2.0985

Inverse Universe

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



37.0751, 24.7912, 39.3899



55.2426, 33.3153, 55.7691



31.2680, 48.9877, 19.3633



12.1191, 11.9324, 13.9028



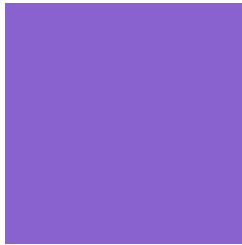
18.8419, 9.4096, 14.6053



1.0910, 0.5411, 1.0141

Previews

White Background



This preview shows how the XYZ color 26.1114, 18.6436, 61.2538 looks on a white background.

Color Contrast Check

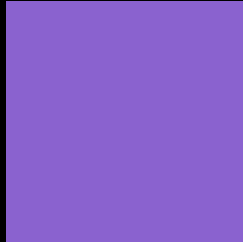
Large Text (above 18pt) WCAG AA ✓ Pass

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 26.1114, 18.6436, 61.2538 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 26.1114, 18.6436, 61.2538

Background



This preview shows how black text looks on a background with the XYZ color 26.1114, 18.6436, 61.2538.



This preview shows how white text looks on a background with the XYZ color 26.1114, 18.6436,

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

26.1114, 18.6436, 61.2538

Protanopia

21.7605, 18.9191, 73.7390

Deuteranopia

19.4225, 18.9311, 58.5075



Tritanopia

18.3352, 18.6267, 22.7076

Trichromacy



Original Color

26.1114, 18.6436, 61.2538

Protanomaly

22.2434, 18.1231, 68.6554

Deuteranomaly

20.9240, 18.2937, 59.5550

Tritanomaly

20.5873, 18.3584, 33.9109

Monochromacy



Original Color

26.1114, 18.6436, 61.2538

Achromatopsia

18.4984, 19.4618, 21.1939

Achromatomaly

20.5570, 18.6994, 32.6629

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.1114, 18.6436, 61.2538 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(138, 98, 207)` looks like.

```
.text, #text, p{  
    color:rgb(138, 98, 207)  
}
```

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(138, 98, 207) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(138, 98, 207) }
```

Border

The CSS property to change the border of an element to XYZ 26.1114, 18.6436, 61.2538 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(138, 98, 207) }
```


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

```
.border{ border-color:rgb(138, 98, 207) }
```

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

Here you see how a box with a 4 pixel `rgb(138, 98, 207)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(138, 98, 207); -webkit-box-  
shadow:4px 4px 4px 4px rgb(138, 98, 207);  
box-shadow:4px 4px 4px 4px rgb(138, 98,  
207) }
```

Background

The CSS property to change the background color of an element to XYZ 26.1114, 18.6436, 61.2538 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(138, 98, 207) }
```

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

```
.background{ background-color: rgb(138, 98,  
207) }
```

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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