

Converting Colors

XYZ(26.8044, 24.7047, 47.0718)

Have a look what the booklet for
XYZ(26.8044, 24.7047, 47.0718)
contains.

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Color

**XYZ(26.8044, 24.7047,
47.0718)**

Conversions

Conversions Part 1

Format	Color
Hex	8A82B5
RGB	138, 130, 181
RGB Percent	54%, 51%, 71%
CMY	0.4588, 0.4902, 0.2902
CMYK	0.24, 0.28, 0.00, 0.29
HSL	249°, 26%, 61%
HSV	249°, 28%, 71%
XYZ	26.8044, 24.7047, 47.0718
YIQ	138.2060, -11.6030, 17.5570

Conversions

Conversions Part 2

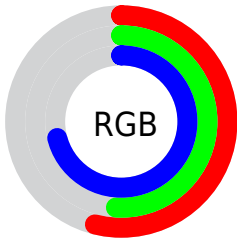
Format	Color
RYB	138, 130, 181
Decimal	9077429
CIELab	56.79, 14.15, -25.73
CIELCh	57, 29.369, 298.811
Yxy	24.7047, 0.2719, 0.2506
Android (android.graphics.Color)	4287267509 (0xFF8A82B5)
YUV	138.2060, 21.0974, -0.1807
Hunter-Lab	49.7038, 9.2802, -21.3577

Details

The XYZ color **26.8044, 24.7047, 47.0718** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **37.7872, 43.5442, 27.5333**, and the grayscale version is **24.1619, 25.4202, 27.6826**.

A 20% lighter version of the original color is **53.9578, 51.1879, 87.1571**, and **10.7692, 9.4696, 21.6823** is the 20% darker color. If you saturate the color by 10%, you get **22.2555, 19.0950, 46.2292**, and if you desaturate by 10%, it is **32.1332, 31.3462, 48.0733**.

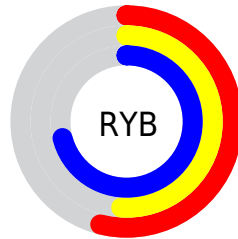
Distribution



Red (54%)

Green (51%)

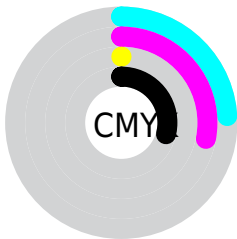
Blue (71%)



Red (54%)

Yellow (51%)

Blue (71%)

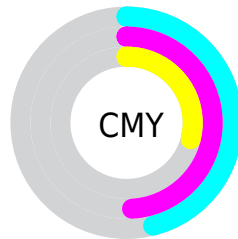


Cyan (24%)

Magenta (28%)

Yellow (0%)

Black (29%)



Cyan (46%)

Magenta (49%)

Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 26.8044, 24.7047, 47.0718 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 26.8044, 24.7047, 47.0718 by changing the saturation by 10% instead.

■ 26.8044, 24.7047,
47.0718

■ 26.8044, 24.7047,
47.0718

278.8937,
276.3641, 391.5031

■ 17.5622, 15.8572,
32.7377

■ 53.9919, 51.1778,
87.1719

■ 10.7339, 9.4231,
21.6561

■ 72.6680, 69.5721,
113.7749

■ 5.9542, 5.0182,
13.4085

■ 95.2194, 91.9175,
145.3047

■ 2.8576, 2.2579,
7.5764

122.0114,
118.5983, 182.1797

■ 1.0789, 0.7513,
3.7413

153.4095,
149.9990, 224.8185

■ 0.0074, 0.0000,
1.4845

189.7790,

■ 0.0000, 0.0000,

186.5039, 273.6396

0.2063

231.4853,
228.4975, 329.0617

■ 0.0000, 0.0000,
0.0000

■ 26.8044, 24.7047,
47.0718

■ 26.8044, 24.7047,
47.0718

■ 22.2555, 19.0950,
46.2292

■ 32.1332, 31.3462,
48.0733

■ 18.4472, 14.4623,
45.5357

■ 38.2739, 39.0649,
49.2395

■ 15.3402, 10.7509,
44.9831

■ 45.2597, 47.9070,
50.5780

■ 12.8910, 7.8985,
44.5616

■ 53.1211, 57.9150,
52.0954

■ 11.0505, 5.8349,
44.2603

■ 61.8870, 69.1294,
53.7980

■ 9.7627, 4.4785,
44.0664

■ 71.5853, 81.5885,
55.6917

■ 8.9468, 3.7020,
43.9595

■ 81.6967, 94.2377,
57.6003

■ 8.8303, 3.5887,
43.9438

■ 85.3406, 96.1162,
57.7708

Harmonies

Analogous

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



23.3445, 24.7047, 50.5425



26.8044, 24.7047, 47.0718



29.5859, 24.7047, 37.9124

Triad

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



26.8044, 24.7047, 47.0718



27.0642, 24.7047, 13.7622



17.4861, 24.7047, 26.5091

Complementary

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



26.8044, 24.7047, 47.0718



37.7872, 43.5442, 27.5333

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.



18.2797, 24.7047, 18.2566



26.8044, 24.7047, 47.0718



23.6182, 24.7047, 12.0913

Square

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



26.8044, 24.7047, 47.0718



29.7459, 24.7047, 18.7860



20.4445, 24.7047, 13.5129



18.1641, 24.7047, 37.0652

Rectangle

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



26.8044, 24.7047, 47.0718



30.5621, 24.7047, 30.7329



20.4445, 24.7047, 13.5129



17.5881, 24.7047, 23.3984

Sweetspot

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



26.8052, 24.7057, 47.0724



68.5966, 70.0261, 88.1956



32.5579, 38.1042, 49.3553



14.4512, 14.6624, 18.9907



86.6293, 91.1408, 99.2523



17.0014, 17.8868, 19.4787

Same Dimension

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



26.8052, 24.7057, 47.0724



42.6418, 37.6167, 83.3079



31.4588, 27.1047, 47.2901



8.1620, 8.2920, 10.6767



6.1265, 2.4941, 30.2955



0.2310, 0.0982, 0.9550

Inverse Universe

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



34.5821, 28.8070, 43.2732



59.0196, 46.2609, 74.9873



32.7395, 40.9419, 27.2971



8.7916, 8.6234, 10.4011



17.0993, 8.3573, 21.4804



0.5534, 0.2691, 0.7568

Previews

White Background



This preview shows how the XYZ color 26.8044, 24.7047, 47.0718 looks on a white background.

Color Contrast Check

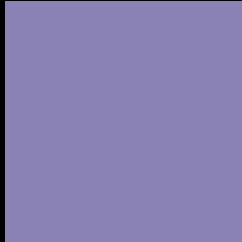
Large Text (above 18pt) WCAG AA ✓ Pass

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 26.8044, 24.7047, 47.0718 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 26.8044, 24.7047, 47.0718

Background



This preview shows how black text looks on a background with the XYZ color 26.8044, 24.7047, 47.0718.



This preview shows how white text looks on a background with the XYZ color 26.8044, 24.7047,

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

26.8044, 24.7047, 47.0718

Protanopia

25.2029, 24.6485, 48.7767

Deuteranopia

25.2208, 24.7055, 46.6194



Tritanopia

23.5863, 24.6204, 31.1128

Trichromacy



Original Color

26.8044, 24.7047, 47.0718

Protanomaly

25.8369, 24.7831, 48.2216

Deuteranomaly

25.8317, 24.8162, 46.6085

Tritanomaly

24.6146, 24.6217, 36.2560

Monochromacy



Original Color

26.8044, 24.7047, 47.0718

Achromatopsia

24.1572, 25.4152, 27.6772

Achromatomaly

24.9779, 25.0643, 34.0933

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.8044, 24.7047, 47.0718 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, 130, 181)` looks like.

```
.text, #text, p{  
    color:rgb(138, 130, 181)  
}
```

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, 130, 181) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(138, 130, 181) }
```

Border

The CSS property to change the border of an element to XYZ 26.8044, 24.7047, 47.0718 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, 130, 181) }
```


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

```
.border{ border-color:rgb(138, 130, 181) }
```

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

Here you see how a box with a 4 pixel `rgb(138, 130, 181)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(138, 130, 181); -webkit-box-  
shadow:4px 4px 4px 4px rgb(138, 130, 181);  
box-shadow:4px 4px 4px 4px rgb(138, 130,  
181) }
```

Background

The CSS property to change the background color of an element to XYZ 26.8044, 24.7047, 47.0718 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(138, 130, 181) }
```

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

```
.background{ background-color: rgb(138,  
130, 181) }
```

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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