

Converting Colors

XYZ(26.8850, 24.7978, 44.4605)

Have a look what the booklet for
XYZ(26.8850, 24.7978, 44.4605)
contains.

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Color

**XYZ(26.8036, 24.7626,
44.4412)**

Conversions

Conversions Part 1

Format	Color
Hex	8D82B0
RGB	141, 130, 176
RGB Percent	55%, 51%, 69%
CMY	0.4471, 0.4902, 0.3098
CMYK	0.20, 0.26, 0.00, 0.31
HSL	254°, 23%, 60%
HSV	254°, 26%, 69%
XYZ	26.8036, 24.7626, 44.4412
YIQ	138.5330, -8.2100, 16.6380

Conversions

Conversions Part 2

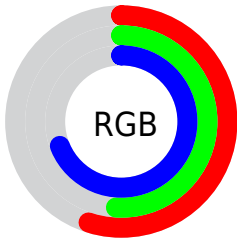
Format	Color
RYB	141, 130, 176
Decimal	9274032
CIELab	56.84, 13.90, -22.76
CIELCh	57, 26.675, 301.418
Yxy	24.7626, 0.2792, 0.2579
Android (android.graphics.Color)	4287464112 (0xFF8D82B0)
YUV	138.5330, 18.4712, 2.1636
Hunter-Lab	49.7620, 9.0629, -18.1170

Details

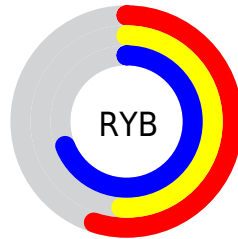
The XYZ color **26.8036, 24.7626, 44.4412** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **35.0724, 40.6623, 27.1203**, and the grayscale version is **24.2956, 25.5609, 27.8358**.

A 20% lighter version of the original color is **54.0047, 51.2953, 83.3986**, and **10.7340, 9.4886, 20.0046** is the 20% darker color. If you saturate the color by 10%, you get **22.5188, 19.3711, 43.6268**, and if you desaturate by 10%, it is **31.7658, 31.0989, 45.4031**.

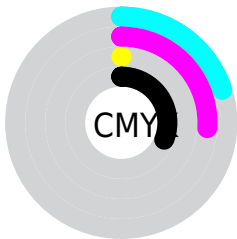
Distribution



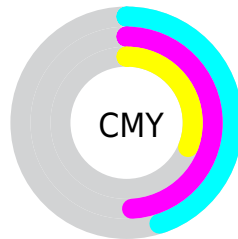
- Red (55%)
- Green (51%)
- Blue (69%)



- Red (55%)
- Yellow (51%)
- Blue (69%)



- Cyan (20%)
- Magenta (26%)
- Yellow (0%)
- Black (31%)



- Cyan (45%)
- Magenta (49%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 26.8036, 24.7626, 44.4412 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 26.8036, 24.7626, 44.4412 by changing the saturation by 10% instead.

■ 26.8036, 24.7626,
44.4412

■ 26.8036, 24.7626,
44.4412

278.8898,
276.6536, 380.5996

■ 17.5616, 15.9003,
30.6778

■ 53.9907, 51.2718,
83.1908

■ 10.7335, 9.4536,
20.0972

■ 72.6664, 69.6875,
109.0140

■ 5.9539, 5.0382,
12.2809

■ 95.2175, 92.0565,
139.6942

■ 2.8574, 2.2697,
6.8105

122.0092,
118.7630, 175.6500

■ 1.0788, 0.7576,
3.2672

153.4070,
150.1916, 217.2999

■ 0.0073, 0.0000,
1.2326

189.7761,

■ 0.0000, 0.0000,

186.7267, 265.0625

0.0056

231.4819,
228.7525, 319.3562

■ 0.0000, 0.0000,
0.0000

■ 26.8036, 24.7626,
44.4412

■ 26.8036, 24.7626,
44.4412

■ 22.5188, 19.3711,
43.6268

■ 31.7658, 31.0989,
45.4031

■ 18.8789, 14.8757,
42.9509

■ 37.4311, 38.4196,
46.5175

■ 15.8521, 11.2275,
42.4063

■ 43.8270, 46.7657,
47.7914

■ 13.4029, 8.3721,
41.9842

■ 50.9787, 56.1750,
49.2306

■ 11.4920, 6.2483,
41.6750

■ 58.9101, 66.6834,
50.8409

■ 10.0746, 4.7857,
41.4674

■ 67.6440, 78.3249,
52.6277

■ 9.0947, 3.8928,
41.3467

■ 77.2025, 91.1324,
54.5960

■ 8.7948, 3.6286,
41.3115

■ 82.3559, 94.6358,
55.0006

■ 84.8365, 95.9146,
55.1167

Harmonies

Analogous

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



23.6848, 24.7626, 48.0415



26.8036, 24.7626, 44.4412



29.2065, 24.7626, 36.0448

Triad

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



26.8036, 24.7626, 44.4412



26.5242, 24.7626, 14.5149



18.0342, 24.7626, 27.3896

Complementary

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



26.8036, 24.7626, 44.4412



35.0724, 40.6623, 27.1203

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.



18.6517, 24.7626, 19.5500



26.8036, 24.7626, 44.4412



23.3880, 24.7626, 13.1763

Square

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



26.8036, 24.7626, 44.4412



29.0354, 24.7626, 18.9618



20.5456, 24.7626, 14.7981



18.7791, 24.7626, 36.9457

Rectangle

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



26.8036, 24.7626, 44.4412



29.9799, 24.7626, 29.6081



20.5456, 24.7626, 14.7981



18.0889, 24.7626, 24.4790

Sweetspot

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



26.8044, 24.7636, 44.4418



65.7221, 66.8707, 83.9387



30.5465, 34.8877, 46.1987



13.9039, 14.0527, 18.1240



84.5950, 89.0005, 96.9216



16.2198, 17.0645, 18.5832

Same Dimension

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



26.8044, 24.7636, 44.4418



44.2619, 39.4166, 79.7706



31.0747, 26.9650, 44.6416



8.2259, 8.3250, 10.6797



6.4979, 2.6856, 30.3129



0.2572, 0.1117, 0.9562

Inverse Universe

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



32.6794, 27.9130, 39.2637



56.7058, 46.0935, 68.5190



30.7565, 38.4374, 26.9183



8.7614, 8.6113, 10.2420



16.3135, 8.0430, 17.3427



0.5344, 0.2615, 0.6566

Previews

White Background



This preview shows how the XYZ color 26.8036, 24.7626, 44.4412 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 26.8036, 24.7626, 44.4412 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

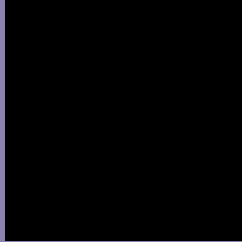
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 26.8036, 24.7626, 44.4412

Background



This preview shows how black text looks on a background with the XYZ color 26.8036, 24.7626, 44.4412.



This preview shows how white text looks on a background with the XYZ color 26.8036, 24.7626,

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

26.8036, 24.7626, 44.4412

Protanopia

25.2144, 24.9083, 46.6589

Deuteranopia

25.3162, 24.8125, 44.0124



Tritanopia

24.1458, 24.9179, 30.7311

Trichromacy



Original Color

26.8036, 24.7626, 44.4412

Protanomaly

25.7301, 24.7756, 46.0739

Deuteranomaly

25.7983, 24.8567, 43.9956

Tritanomaly

25.0921, 24.8878, 35.3796

Monochromacy



Original Color

26.8036, 24.7626, 44.4412

Achromatopsia

24.5403, 25.8183, 28.1161

Achromatomaly

25.2869, 25.4508, 33.2855

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.8036, 24.7626, 44.4412 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(141, 130, 176)` looks like.

```
.text, #text, p{  
    color:rgb(141, 130, 176)  
}
```

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(141, 130, 176) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(141, 130, 176) }
```

Border

The CSS property to change the border of an element to XYZ 26.8036, 24.7626, 44.4412 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(141, 130, 176) }
```


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

```
.border{ border-color:rgb(141, 130, 176) }
```

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

Here you see how a box with a 4 pixel `rgb(141, 130, 176)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(141, 130, 176); -webkit-box-  
shadow:4px 4px 4px 4px rgb(141, 130, 176);  
box-shadow:4px 4px 4px 4px rgb(141, 130,  
176) }
```

Background

The CSS property to change the background color of an element to XYZ 26.8036, 24.7626, 44.4412 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(141, 130, 176) }
```

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

```
.background{ background-color: rgb(141,  
130, 176) }
```

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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