

Converting Colors

XYZ(26.7839, 25.0854, 48.4469)

Have a look what the booklet for
XYZ(26.7839, 25.0854, 48.4469)
contains.

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Color

**XYZ(26.7902, 25.0723,
48.2272)**

Conversions

Conversions Part 1

Format	Color
Hex	8784B7
RGB	135, 132, 183
RGB Percent	53%, 52%, 72%
CMY	0.4706, 0.4823, 0.2823
CMYK	0.26, 0.28, 0.00, 0.28
HSL	244°, 26%, 62%
HSV	244°, 28%, 72%
XYZ	26.7902, 25.0723, 48.2272
YIQ	138.7110, -14.5830, 16.4970

Conversions

Conversions Part 2

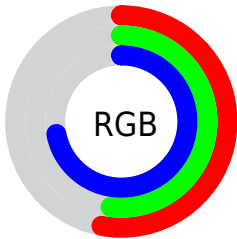
Format	Color
RYB	135, 132, 183
Decimal	8881335
CIELab	57.15, 12.55, -26.34
CIElCh	57, 29.177, 295.469
Yxy	25.0723, 0.2677, 0.2505
Android (android.graphics.Color)	4287071415 (0xFF8784B7)
YUV	138.7110, 21.8345, -3.2545
Hunter-Lab	50.0722, 7.8766, -22.0547

Details

The XYZ color **26.7902, 25.0723, 48.2272** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **39.9213, 45.2367, 28.4582**, and the grayscale version is **24.3530, 25.6213, 27.9016**.

A 20% lighter version of the original color is **53.9152, 51.7487, 88.8082**, and **10.7787, 9.6830, 22.4200** is the 20% darker color. If you saturate the color by 10%, you get **21.9724, 19.2227, 47.3525**, and if you desaturate by 10%, it is **32.4933, 32.0256, 49.2692**.

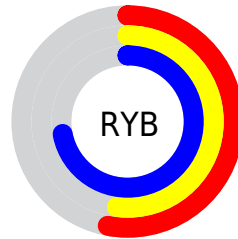
Distribution



Red (53%)

Green (52%)

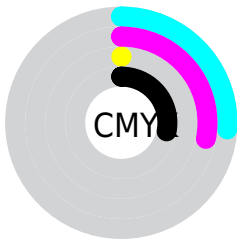
Blue (72%)



Red (53%)

Yellow (52%)

Blue (72%)

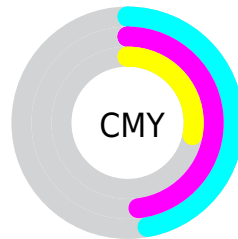


Cyan (26%)

Magenta (28%)

Yellow (0%)

Black (28%)



Cyan (47%)

Magenta (48%)

Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 26.7902, 25.0723, 48.2272 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 26.7902, 25.0723, 48.2272 by changing the saturation by 10% instead.

■ 26.7902, 25.0723,
48.2272

■ 26.7902, 25.0723,
48.2272

278.8260,
278.1978, 396.2266

■ 17.5515, 16.1309,
33.6456

■ 53.9693, 51.7745,
88.9117

■ 10.7262, 9.6168,
22.3463

■ 72.6404, 70.3041,
115.8516

■ 5.9490, 5.1457,
13.9108

■ 95.1863, 92.7986,
147.7480

■ 2.8544, 2.3330,
7.9206

121.9724,
119.6423, 185.0195

■ 1.0773, 0.7911,
3.9572

153.3641,
151.2197, 228.0845

■ 0.0060, 0.0000,
1.6019

189.7267,

■ 0.0000, 0.0000,

187.9152, 277.3617

0.2922

231.4255,
230.1131, 333.2696

■ 0.0000, 0.0000,
0.0000

■ 26.7902, 25.0723,
48.2272

■ 26.7902, 25.0723,
48.2272

■ 21.9724, 19.2227,
47.3525

■ 32.4933, 32.0256,
49.2692

■ 17.9931, 14.4172,
46.6346

■ 39.1204, 40.1322,
50.4846

■ 14.8050, 10.5952,
46.0649

■ 46.7108, 49.4421,
51.8815

■ 12.3552, 7.6886,
45.6330

■ 55.3009, 60.0016,
53.4670

■ 10.5842, 5.6207,
45.3272

■ 64.9252, 71.8546,
55.2476

■ 9.4233, 4.3022,
45.1339

■ 75.6165, 85.0429,
57.2297

■ 8.7776, 3.6005,
45.0325

■ 85.5473, 96.1989,
58.8596

■ 8.6822, 3.4885,
45.0159

Harmonies

Analogous

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



23.3117, 25.0723, 50.8788



26.7902, 25.0723, 48.2272



29.7069, 25.0723, 39.5099

Triad

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



26.7902, 25.0723, 48.2272



27.7808, 25.0723, 14.4762



17.8250, 25.0723, 25.8299

Complementary

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



26.7902, 25.0723, 48.2272



39.9213, 45.2367, 28.4582

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.



18.7851, 25.0723, 17.9061



26.7902, 25.0723, 48.2272



24.3569, 25.0723, 12.4326

Square

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



26.7902, 25.0723, 48.2272



30.3163, 25.0723, 19.9353



21.0972, 25.0723, 13.5176



18.3427, 25.0723, 36.2849

Rectangle

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



26.7902, 25.0723, 48.2272



30.8256, 25.0723, 32.3347



21.0972, 25.0723, 13.5176



17.9828, 25.0723, 22.8162

Sweetspot

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



26.7910, 25.0733, 48.2278



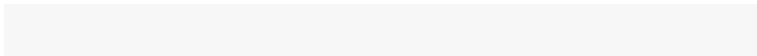
69.7275, 71.4641, 90.3546



34.4759, 41.1496, 50.9258



14.9833, 15.2731, 19.8799



88.6918, 93.3107, 101.6153



17.8044, 18.7317, 20.3988

Same Dimension

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



26.7910, 25.0733, 48.2278



42.8929, 38.7206, 85.4488



31.3065, 27.4011, 48.4391



8.5687, 8.7440, 11.3156



6.0772, 2.4441, 31.4045



0.2309, 0.0947, 1.1079

Inverse Universe

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



36.0186, 29.8660, 47.0469



61.9977, 48.6463, 82.8737



34.6070, 42.4971, 28.2095



9.3575, 9.1534, 11.2300



18.8429, 9.1109, 28.1231



0.6712, 0.3240, 1.0280

Previews

White Background



This preview shows how the XYZ color 26.7902, 25.0723, 48.2272 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 26.7902, 25.0723, 48.2272 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 26.7902, 25.0723, 48.2272

Background



This preview shows how black text looks on a background with the XYZ color 26.7902, 25.0723, 48.2272.



This preview shows how white text looks on a background with the XYZ color 26.7902, 25.0723,

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

26.7902, 25.0723, 48.2272

Protanopia

25.6953, 25.0841, 49.9418

Deuteranopia

25.5649, 25.0653, 47.7466



Tritanopia

23.4154, 24.9361, 32.0128

Trichromacy



Original Color

26.7902, 25.0723, 48.2272

Protanomaly

26.0345, 25.0650, 49.3648

Deuteranomaly

26.0219, 25.0947, 47.7282

Tritanomaly

24.5973, 25.0068, 37.2486

Monochromacy



Original Color

26.7902, 25.0723, 48.2272

Achromatopsia

24.5403, 25.8183, 28.1161

Achromatomaly

25.2018, 25.3782, 34.5805

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.7902, 25.0723, 48.2272 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(135, 132, 183)` looks like.

```
.text, #text, p{  
    color:rgb(135, 132, 183)  
}
```

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(135, 132, 183) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(135, 132, 183) }
```

Border

The CSS property to change the border of an element to XYZ 26.7902, 25.0723, 48.2272 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(135, 132, 183) }
```


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

```
.border{ border-color:rgb(135, 132, 183) }
```

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

Here you see how a box with a 4 pixel `rgb(135, 132, 183)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(135, 132, 183); -webkit-box-  
shadow:4px 4px 4px 4px rgb(135, 132, 183);  
box-shadow:4px 4px 4px 4px rgb(135, 132,  
183) }
```

Background

The CSS property to change the background color of an element to XYZ 26.7902, 25.0723, 48.2272 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(135, 132, 183) }
```

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

```
.background{ background-color: rgb(135,  
132, 183) }
```

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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