

Converting Colors

XYZ(26.6248, 26.4422, 48.2791)

Have a look what the booklet for
XYZ(26.6248, 26.4422, 48.2791)
contains.

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Color

**XYZ(26.6819, 26.4733,
48.5033)**

Conversions

Conversions Part 1

Format	Color
Hex	808BB7
RGB	128, 139, 183
RGB Percent	50%, 55%, 72%
CMY	0.4980, 0.4549, 0.2823
CMYK	0.30, 0.24, 0.00, 0.28
HSL	228°, 28%, 61%
HSV	228°, 30%, 72%
XYZ	26.6819, 26.4733, 48.5033
YIQ	140.7270, -20.6800, 11.3520

Conversions

Conversions Part 2

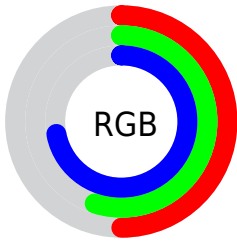
Format	Color
RYB	128, 137, 183
Decimal	8424375
CIELab	58.48, 6.34, -24.33
CIELCh	58, 25.137, 284.604
Yxy	26.4733, 0.2625, 0.2604
Android (android.graphics.Color)	4286614455 (0xFF808BB7)
YUV	140.7270, 20.8406, -11.1616
Hunter-Lab	51.4522, 2.5245, -19.8753

Details

The XYZ color **26.6819, 26.4733, 48.5033** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **38.1776, 41.1311, 26.3498**, and the grayscale version is **25.1381, 26.4473, 28.8011**.

A 20% lighter version of the original color is **53.7210, 53.8764, 89.2291**, and **10.6622, 10.3342, 22.5518** is the 20% darker color. If you saturate the color by 10%, you get **22.1940, 21.2213, 47.7266**, and if you desaturate by 10%, it is **31.9519, 32.5511, 49.3991**.

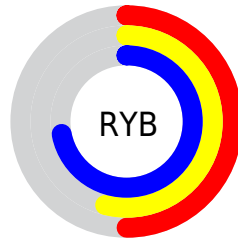
Distribution



Red (50%)

Green (55%)

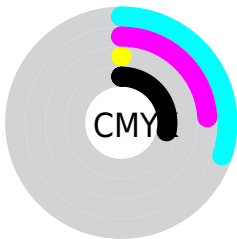
Blue (72%)



Red (50%)

Yellow (54%)

Blue (72%)

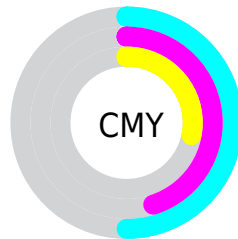


Cyan (30%)

Magenta (24%)

Yellow (0%)

Black (28%)



Cyan (50%)

Magenta (45%)

Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 26.6819, 26.4733, 48.5033 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 26.6819, 26.4733, 48.5033 by changing the saturation by 10% instead.

■ 26.6819, 26.4733,
48.5033

■ 26.6819, 26.4733,
48.5033

278.3093,
285.0978, 397.3497

■ 17.4698, 17.1781,
33.8628

■ 53.7965, 54.0375,
89.3266

■ 10.6674, 10.3615,
22.5117

■ 72.4297, 73.0753,
116.3466

■ 5.9093, 5.6393,
14.0315

■ 94.9340, 96.1293,
148.3300

■ 2.8301, 2.6270,
8.0036

121.6748,
123.5841, 185.6956

■ 1.0646, 0.9403,
4.0094

153.0173,
155.8239, 228.8618

■ 0.0000, 0.0000,
1.6305

189.3270,

■ 0.0000, 0.0000,

193.2332, 278.2472

0.3125

230.9693,
236.1964, 334.2704

■ 0.0000, 0.0000,
0.0000

■ 26.6819, 26.4733,
48.5033

■ 26.6819, 26.4733,
48.5033

■ 22.1940, 21.2213,
47.7266

■ 31.9519, 32.5511,
49.3991

■ 18.4476, 16.7558,
47.0621

■ 38.0366, 39.4853,
50.4169

■ 15.4024, 13.0388,
46.5051

■ 44.9700, 47.3091,
51.5616

■ 13.0133, 10.0281,
46.0499

■ 52.7833, 56.0527,
52.8375

■ 11.2293, 7.6766,
45.6901

■ 61.5061, 65.7450,
54.2485

■ 9.9916, 5.9315,
45.4185

■ 71.1668, 76.4134,
55.7986

■ 9.1966, 4.7175,
45.2260

■ 81.3853, 87.8748,
57.4723

■ 85.5473, 96.1989,
58.8596

Harmonies

Analogous

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



23.6253, 26.4733, 48.4177



26.6819, 26.4733, 48.5033



29.5447, 26.4733, 42.6339

Triad

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



26.6819, 26.4733, 48.5033



29.6090, 26.4733, 18.4978



19.8832, 26.4733, 24.5606

Complementary

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



26.6819, 26.4733, 48.5033



38.1776, 41.1311, 26.3498

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.



21.2358, 26.4733, 18.3750



26.6819, 26.4733, 48.5033



26.7640, 26.4733, 15.3916

Square

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



26.6819, 26.4733, 48.5033



31.3257, 26.4733, 24.7642



23.7011, 26.4733, 15.3518



19.8651, 26.4733, 33.3069

Rectangle

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



26.6819, 26.4733, 48.5033



30.8878, 26.4733, 36.7108



23.7011, 26.4733, 15.3518



20.1916, 26.4733, 22.1579

Sweetspot

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



26.6828, 26.4743, 48.5039



69.1828, 71.9187, 90.4711



33.1948, 41.4002, 44.8118



14.9055, 15.4597, 19.9200



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.



26.6828, 26.4743, 48.5039



42.3755, 41.0979, 85.9350



27.6961, 24.7499, 48.1176



8.6627, 9.0027, 11.3605



6.4556, 3.3709, 31.5635



0.2711, 0.2059, 1.1272

Inverse Universe

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



31.9085, 27.3705, 28.0284



53.3146, 43.2732, 43.0059



36.8549, 43.6870, 26.9128



9.0761, 9.0408, 9.7482



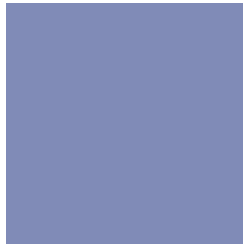
13.8722, 7.1226, 1.9478



0.5110, 0.2599, 0.1843

Previews

White Background



This preview shows how the XYZ color 26.6819, 26.4733, 48.5033 looks on a white background.

Color Contrast Check

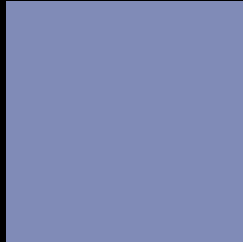
Large Text (above 18pt) WCAG AA ✓ Pass

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 26.6819, 26.4733, 48.5033 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

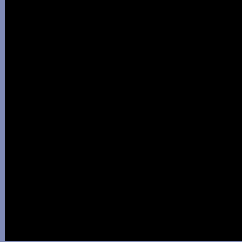
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 26.6819, 26.4733, 48.5033

Background



This preview shows how black text looks on a background with the XYZ color 26.6819, 26.4733, 48.5033.



This preview shows how white text looks on a background with the XYZ color 26.6819, 26.4733,

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

26.6819, 26.4733, 48.5033

Protanopia

26.8331, 26.5513, 48.5104

Deuteranopia

26.9958, 26.4211, 48.4767



Tritanopia

24.0000, 26.4844, 35.2996

Trichromacy



Original Color

26.6819, 26.4733, 48.5033

Protanomaly

26.8331, 26.5513, 48.5104

Deuteranomaly

26.8416, 26.3417, 48.4695

Tritanomaly

24.8681, 26.3843, 39.8584

Monochromacy



Original Color

26.6819, 26.4733, 48.5033

Achromatopsia

25.3171, 26.6356, 29.0061

Achromatomaly

25.5322, 26.3907, 35.2007

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.6819, 26.4733, 48.5033 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(128, 139, 183)` looks like.

```
.text, #text, p{  
    color:rgb(128, 139, 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(128, 139, 183) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(128, 139, 183) }
```

Border

The CSS property to change the border of an element to XYZ 26.6819, 26.4733, 48.5033 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(128, 139, 183) }
```


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

```
.border{ border-color:rgb(128, 139, 183) }
```

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

Here you see how a box with a 4 pixel `rgb(128, 139, 183)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(128, 139, 183); -webkit-box-  
shadow:4px 4px 4px 4px rgb(128, 139, 183);  
box-shadow:4px 4px 4px 4px rgb(128, 139,  
183) }
```

Background

The CSS property to change the background color of an element to XYZ 26.6819, 26.4733, 48.5033 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(128, 139, 183) }
```

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

```
.background{ background-color: rgb(128,  
139, 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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