

Converting Colors

XYZ(26.4343, 25.3148, 56.9447)

Have a look what the booklet for
XYZ(26.4343, 25.3148, 56.9447)
contains.

XYZ(26.4648, 25.3271, 56.9199)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(26.4648, 25.3271,
56.9199)**

Conversions

Conversions Part 1

Format	Color
Hex	7787C6
RGB	119, 135, 198
RGB Percent	47%, 53%, 78%
CMY	0.5333, 0.4706, 0.2235
CMYK	0.40, 0.32, 0.00, 0.22
HSL	228°, 41%, 62%
HSV	228°, 40%, 78%
XYZ	26.4648, 25.3271, 56.9199
YIQ	137.3980, -29.7590, 16.2010

Conversions

Conversions Part 2

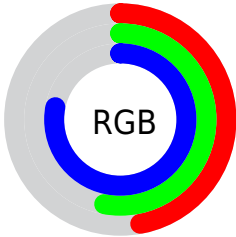
Format	Color
R_{YB}	119, 132, 198
Decimal	7833542
CIE _{Lab}	57.39, 10.15, -34.57
CIE _{LCh}	57, 36.033, 286.360
Yxy	25.3271, 0.2434, 0.2330
Android (android.graphics.Color)	4286023622 (0xFF7787C6)
YUV	137.3980, 29.8768, -16.1350
Hunter-Lab	50.3260, 5.7967, -31.8301

Details

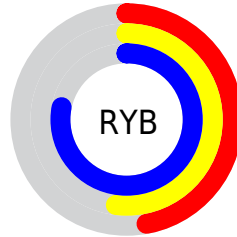
The XYZ color **26.4648, 25.3271, 56.9199** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **43.3474, 46.7947, 24.2016**, and the grayscale version is **23.8277, 25.0686, 27.2997**.

A 20% lighter version of the original color is **53.4888, 52.1851, 101.8613**, and **10.6086, 9.8274, 27.7233** is the 20% darker color. If you saturate the color by 10%, you get **21.9831, 19.9856, 56.1256**, and if you desaturate by 10%, it is **31.8411, 31.6158, 57.8509**.

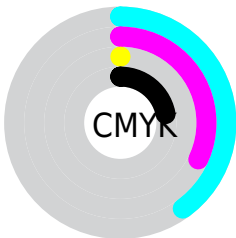
Distribution



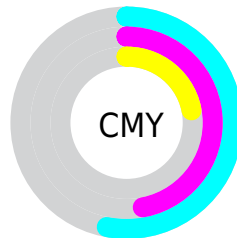
- Red (47%)
- Green (53%)
- Blue (78%)



- Red (47%)
- Yellow (52%)
- Blue (78%)



- Cyan (40%)
- Magenta (32%)
- Yellow (0%)
- Black (22%)



- Cyan (53%)
- Magenta (47%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 26.4648, 25.3271, 56.9199 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 26.4648, 25.3271, 56.9199 by changing the saturation by 10% instead.

■ 26.4648, 25.3271,
56.9199

■ 26.4648, 25.3271,
56.9199

277.2714,
279.4630, 430.6344

■ 17.3062, 16.3209,
40.5320

■ 53.4498, 52.1874,
101.8475

■ 10.5497, 9.7515,
27.6366

■ 72.0069, 70.8103,
131.2242

■ 5.8300, 5.2345,
17.8153

■ 94.4276, 93.4075,
165.7677

■ 2.7816, 2.3855,
10.6494

121.0771,
120.3635, 205.8964

■ 1.0394, 0.8184,
5.7204

152.3209,
152.0627, 252.0289

■ 0.0000, 0.0000,
2.6098

188.5243,

■ 0.0000, 0.0000,

188.8894, 304.5837

0.8975

230.0527,
231.2280, 363.9794

■ 0.0000, 0.0000,
0.0000

■ 26.4648, 25.3271,
56.9199

■ 26.4648, 25.3271,
56.9199

■ 21.9831, 19.9856,
56.1256

■ 31.8411, 31.6158,
57.8509

■ 18.3436, 15.5415,
55.4596

■ 38.1552, 38.8925,
58.9226

■ 15.4923, 11.9448,
54.9156

■ 45.4505, 47.1989,
60.1414

■ 13.3677, 9.1387,
54.4860

■ 53.7670, 56.5735,
61.5125

■ 11.8984, 7.0594,
54.1621

■ 63.1425, 67.0527,
63.0411

■ 10.9633, 5.6138,
53.9323

■ 73.6128, 78.6714,
64.7319

■ 10.9553, 5.6015,
53.9304

■ 84.2472, 90.9653,
66.5444

■ 87.1931, 96.8573,
67.5263

Harmonies

Analogous

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



22.1845, 25.3271, 57.3905



26.4648, 25.3271, 56.9199



30.5298, 25.3271, 47.2393

Triad

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



26.4648, 25.3271, 56.9199



30.2074, 25.3271, 13.8000



16.9310, 25.3271, 22.3862

Complementary

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



26.4648, 25.3271, 56.9199



43.3474, 46.7947, 24.2016

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.



18.5969, 25.3271, 14.3046



26.4648, 25.3271, 56.9199



26.0650, 25.3271, 10.4340

Square

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



26.4648, 25.3271, 56.9199



32.8595, 25.3271, 21.4592



21.8292, 25.3271, 10.5862



17.0110, 25.3271, 34.7592

Rectangle

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



26.4648, 25.3271, 56.9199



32.4219, 25.3271, 38.1431



21.8292, 25.3271, 10.5862



17.2960, 25.3271, 19.1680

Sweetspot

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



26.4657, 25.3280, 56.9205



77.3779, 80.0578, 105.9822



36.1312, 47.6422, 50.9457



16.1851, 16.7074, 22.6218



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.



26.4657, 25.3280, 56.9205



39.7826, 36.4197, 99.5407



27.8407, 22.9684, 56.3926



10.2278, 10.6296, 13.4302



7.1741, 3.7421, 35.0885



0.3923, 0.2825, 1.6790

Inverse Universe

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



34.2595, 26.9498, 26.3187



55.6919, 40.3733, 36.9300



41.3426, 50.9062, 25.1008



10.7202, 10.6715, 11.5101



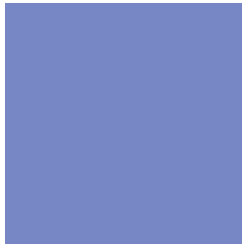
15.4205, 7.9178, 2.1581



0.7567, 0.3855, 0.2421

Previews

White Background



This preview shows how the XYZ color 26.4648, 25.3271, 56.9199 looks on a white background.

Color Contrast Check

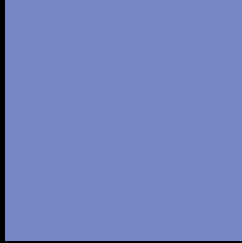
Large Text (above 18pt) WCAG AA ✓ Pass

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 26.4648, 25.3271, 56.9199 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

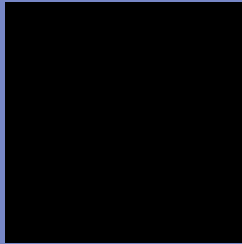
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 26.4648, 25.3271, 56.9199

Background



This preview shows how black text looks on a background with the XYZ color 26.4648, 25.3271, 56.9199.



This preview shows how white text looks on a background with the XYZ color 26.4648, 25.3271,

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

26.4648, 25.3271, 56.9199

Protanopia

26.1931, 25.1871, 56.9071

Deuteranopia

25.9366, 25.2629, 56.9353



Tritanopia

21.9232, 25.1996, 34.7189

Trichromacy



Original Color

26.4648, 25.3271, 56.9199

Protanomaly

26.3282, 25.2567, 56.9135

Deuteranomaly

26.1997, 25.3985, 56.9476

Tritanomaly

23.4109, 25.1412, 42.1469

Monochromacy



Original Color

26.4648, 25.3271, 56.9199

Achromatopsia

23.7775, 25.0158, 27.2422

Achromatomaly

24.2681, 24.8573, 36.3198

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.4648, 25.3271, 56.9199 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(119, 135, 198)` looks like.

```
.text, #text, p{  
    color:rgb(119, 135, 198)  
}
```

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(119, 135, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(119, 135, 198) }
```

Border

The CSS property to change the border of an element to XYZ 26.4648, 25.3271, 56.9199 is called "border". The border property can be set on classes, ids or directly on the HTML element.

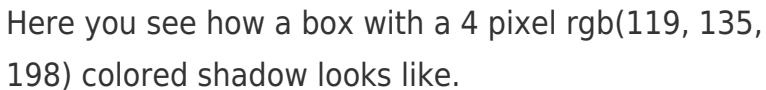
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(119, 135, 198) }
```


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

```
.border{ border-color:rgb(119, 135, 198) }
```

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



Here you see how a box with a 4 pixel `rgb(119, 135, 198)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(119, 135, 198); -webkit-box-shadow:4px 4px 4px 4px rgb(119, 135, 198); box-shadow:4px 4px 4px 4px rgb(119, 135, 198) }
```

Background

The CSS property to change the background color of an element to XYZ 26.4648, 25.3271, 56.9199 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(119, 135, 198) }
```

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

```
.background{ background-color: rgb(119,  
135, 198) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor