

Converting Colors

XYZ(26.5379, 25.7869, 48.1828)

Have a look what the booklet for
XYZ(26.5379, 25.7869, 48.1828)
contains.

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Color

**XYZ(26.5573, 25.7730,
48.3747)**

Conversions

Conversions Part 1

Format	Color
Hex	8288B7
RGB	130, 136, 183
RGB Percent	51%, 53%, 72%
CMY	0.4902, 0.4667, 0.2823
CMYK	0.29, 0.26, 0.00, 0.28
HSL	233°, 27%, 61%
HSV	233°, 29%, 72%
XYZ	26.5573, 25.7730, 48.3747
YIQ	139.5640, -18.6630, 13.3450

Conversions

Conversions Part 2

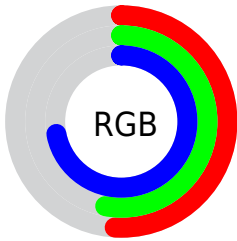
Format	Color
RYB	130, 135, 183
Decimal	8554679
CIELab	57.82, 8.68, -25.33
CIElCh	58, 26.779, 288.922
Yxy	25.7730, 0.2637, 0.2559
Android (android.graphics.Color)	4286744759 (0xFF8288B7)
YUV	139.5640, 21.4139, -8.3876
Hunter-Lab	50.7671, 4.5345, -20.9590

Details

The XYZ color **26.5573, 25.7730, 48.3747** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **39.2803, 43.1237, 27.3734**, and the grayscale version is **24.6838, 25.9693, 28.2806**.

A 20% lighter version of the original color is **53.5447, 52.8175, 89.0340**, and **10.5815, 9.9295, 22.4780** is the 20% darker color. If you saturate the color by 10%, you get **21.8810, 20.2229, 47.5503**, and if you desaturate by 10%, it is **32.0806, 32.2746, 49.3390**.

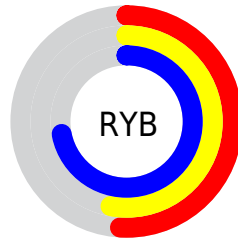
Distribution



Red (51%)

Green (53%)

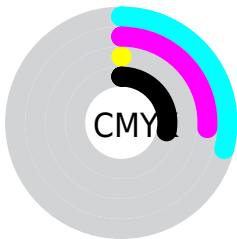
Blue (72%)



Red (51%)

Yellow (53%)

Blue (72%)

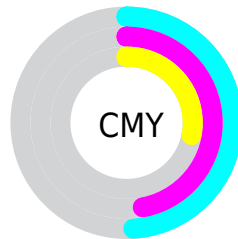


Cyan (29%)

Magenta (26%)

Yellow (0%)

Black (28%)



Cyan (49%)

Magenta (47%)

Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 26.5573, 25.7730, 48.3747 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 26.5573, 25.7730, 48.3747 by changing the saturation by 10% instead.

■ 26.5573, 25.7730,
48.3747

■ 26.5573, 25.7730,
48.3747

277.7140,
281.6660, 396.8269

■ 17.3759, 16.6539,
33.7616

■ 53.5976, 52.9085,
89.1334

■ 10.5998, 9.9880,
22.4346

■ 72.1871, 71.6937,
116.1161

■ 5.8637, 5.3910,
13.9753

■ 94.6435, 94.4697,
148.0590

■ 2.8023, 2.4785,
7.9649

121.3319,
121.6210, 185.3808

■ 1.0501, 0.8658,
3.9850

152.6178,
153.5318, 228.4999

■ 0.0000, 0.0000,
1.6171

188.8666,

■ 0.0000, 0.0000,

190.5867, 277.8350

0.3030

230.4435,
233.1699, 333.8044

■ 0.0000, 0.0000,
0.0000

■ 26.5573, 25.7730,
48.3747

■ 26.5573, 25.7730,
48.3747

■ 21.8810, 20.2229,
47.5503

■ 32.0806, 32.2746,
49.3390

■ 18.0071, 15.5766,
46.8577

■ 38.4874, 39.7663,
50.4473

■ 14.8910, 11.7869,
46.2904

■ 45.8151, 48.2884,
51.7061

■ 12.4824, 8.8009,
45.8410

■ 54.0982, 57.8779,
53.1204

■ 10.7249, 6.5598,
45.5011

■ 63.3694, 68.5700,
54.6956

■ 9.5535, 4.9968,
45.2611

■ 73.6600, 80.3984,
56.4363

■ 8.8658, 4.0206,
45.1090

■ 83.8489, 92.8020,
58.2934

■ 8.8103, 3.9450,
45.0973

■ 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.



23.3271, 25.7730, 49.2818



26.5573, 25.7730, 48.3747



29.4608, 25.7730, 41.3849

Triad

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



26.5573, 25.7730, 48.3747



28.7894, 25.7730, 16.7158



18.9143, 25.7730, 24.7945

Complementary

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



26.5573, 25.7730, 48.3747



39.2803, 43.1237, 27.3734

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.



20.1237, 25.7730, 17.9582



26.5573, 25.7730, 48.3747



25.7042, 25.7730, 14.0216

Square

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



26.5573, 25.7730, 48.3747



30.8253, 25.7730, 22.7015



22.5451, 25.7730, 14.4201



19.0992, 25.7730, 34.2071

Rectangle

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



26.5573, 25.7730, 48.3747



30.7326, 25.7730, 34.9271



22.5451, 25.7730, 14.4201



19.1667, 25.7730, 22.1618

Sweetspot

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



26.5582, 25.7740, 48.3753



68.6990, 70.9512, 90.3098



34.0576, 41.7804, 47.7691



14.7838, 15.2163, 19.8795



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.



26.5582, 25.7740, 48.3753



41.8566, 39.3959, 85.6338



29.1667, 25.8991, 48.2620



8.6008, 8.8789, 11.3399



6.1728, 2.8052, 31.4692



0.2447, 0.1530, 1.1184

Inverse Universe

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



31.9557, 27.8109, 26.9773



53.2149, 43.8542, 40.5667



36.0029, 43.2324, 27.5671



9.0449, 9.0283, 9.5836



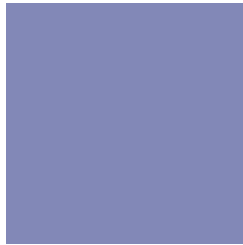
13.7294, 7.0655, 1.1959



0.4977, 0.2545, 0.1141

Previews

White Background



This preview shows how the XYZ color 26.5573, 25.7730, 48.3747 looks on a white background.

Color Contrast Check

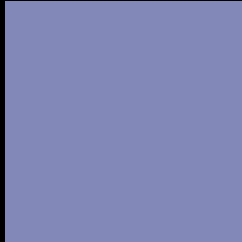
Large Text (above 18pt) WCAG AA ✓ Pass

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 26.5573, 25.7730, 48.3747 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

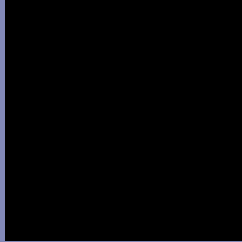
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 26.5573, 25.7730, 48.3747

Background



This preview shows how black text looks on a background with the XYZ color 26.5573, 25.7730, 48.3747.



This preview shows how white text looks on a background with the XYZ color 26.5573, 25.7730,

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

26.5573, 25.7730, 48.3747

Protanopia

26.2016, 25.7876, 48.9439

Deuteranopia

26.3950, 25.8994, 48.4077



Tritanopia

23.7350, 25.9310, 33.8912

Trichromacy



Original Color

26.5573, 25.7730, 48.3747

Protanomaly

26.3498, 25.8640, 48.9509

Deuteranomaly

26.5462, 25.9773, 48.4147

Tritanomaly

24.6831, 25.8721, 38.8148

Monochromacy



Original Color

26.5573, 25.7730, 48.3747

Achromatopsia

24.9269, 26.2251, 28.5591

Achromatomaly

25.3867, 26.0998, 35.1522

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.5573, 25.7730, 48.3747 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(130, 136, 183)` looks like.

```
.text, #text, p{  
    color:rgb(130, 136, 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(130, 136, 183) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(130, 136, 183) }
```

Border

The CSS property to change the border of an element to XYZ 26.5573, 25.7730, 48.3747 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(130, 136, 183) }
```


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

```
.border{ border-color:rgb(130, 136, 183) }
```

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

Here you see how a box with a 4 pixel `rgb(130, 136, 183)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(130, 136, 183); -webkit-box-  
shadow:4px 4px 4px 4px rgb(130, 136, 183);  
box-shadow:4px 4px 4px 4px rgb(130, 136,  
183) }
```

Background

The CSS property to change the background color of an element to XYZ 26.5573, 25.7730, 48.3747 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(130, 136, 183) }
```

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

```
.background{ background-color: rgb(130,  
136, 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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