

Converting Colors

XYZ(26.4732, 25.6822, 56.3854)

Have a look what the booklet for
XYZ(26.4732, 25.6822, 56.3854)
contains.

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Color

**XYZ(26.4949, 25.7741,
56.4018)**

Conversions

Conversions Part 1

Format	Color
Hex	7689C5
RGB	118, 137, 197
RGB Percent	46%, 54%, 77%
CMY	0.5372, 0.4627, 0.2274
CMYK	0.40, 0.30, 0.00, 0.23
HSL	226°, 41%, 62%
HSV	226°, 40%, 77%
XYZ	26.4949, 25.7741, 56.4018
YIQ	138.1590, -30.5840, 14.6320

Conversions

Conversions Part 2

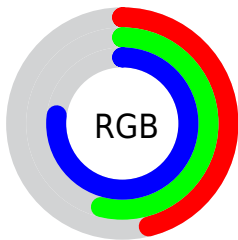
Format	Color
R _Y B	118, 133, 197
Decimal	7768517
CIE Lab	57.82, 8.42, -33.34
CIE LCh	58, 34.391, 284.177
Yxy	25.7741, 0.2438, 0.2372
Android (android.graphics.Color)	4285958597 (0xFF7689C5)
YUV	138.1590, 29.0086, -17.6794
Hunter-Lab	50.7682, 4.3112, -30.3315

Details

The XYZ color **26.4949, 25.7741, 56.4018** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **42.2171, 45.0199, 23.6052**, and the grayscale version is **24.1200, 25.3761, 27.6346**.

A 20% lighter version of the original color is **53.5364, 52.8669, 101.1486**, and **10.5461, 9.9234, 27.3462** is the 20% darker color. If you saturate the color by 10%, you get **22.1124, 20.5738, 55.6295**, and if you desaturate by 10%, it is **31.7328, 31.8542, 57.2998**.

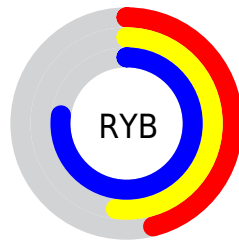
Distribution



Red (46%)

Green (54%)

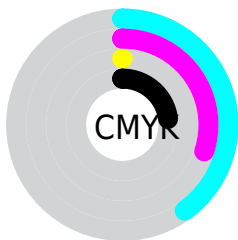
Blue (77%)



Red (46%)

Yellow (52%)

Blue (77%)

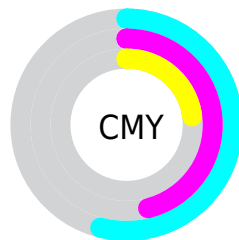


Cyan (40%)

Magenta (30%)

Yellow (0%)

Black (23%)



Cyan (54%)

Magenta (46%)

Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 26.4949, 25.7741, 56.4018 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 26.4949, 25.7741, 56.4018 by changing the saturation by 10% instead.

■ 26.4949, 25.7741,
56.4018

■ 26.4949, 25.7741,
56.4018

277.4155,
281.6714, 428.6348

■ 17.3289, 16.6547,
40.1190

■ 53.4979, 52.9103,
101.0835

■ 10.5660, 9.9886,
27.3169

■ 72.0656, 71.6959,
130.3194

■ 5.8409, 5.3914,
17.5768

■ 94.4978, 94.4723,
164.7101

■ 2.7883, 2.4787,
10.4803

121.1601,
121.6241, 204.6742

■ 1.0428, 0.8659,
5.6088

152.4176,
153.5354, 250.6302

■ 0.0000, 0.0000,
2.5438

188.6357,

■ 0.0000, 0.0000,

190.5908, 302.9966

0.8632

230.1799,
233.1747, 362.1919

■ 0.0000, 0.0000,
0.0000

■ 26.4949, 25.7741,
56.4018

■ 26.4949, 25.7741,
56.4018

■ 22.1124, 20.5738,
55.6295

■ 31.7328, 31.8542,
57.2998

■ 18.5355, 16.2083,
54.9754

■ 37.8669, 38.8506,
58.3269

■ 15.7132, 12.6325,
54.4340

■ 44.9384, 46.8009,
59.4888

■ 13.5872, 9.7959,
53.9985

■ 52.9851, 55.7399,
60.7901

■ 12.0897, 7.6410,
53.6615

■ 62.0429, 65.7006,
62.2353

■ 11.1099, 6.0948,
53.4147

■ 72.1455, 76.7143,
63.8287

■ 82.9922, 88.6393,
65.5587

■ 87.0781, 96.8113,
66.9207

Harmonies

Analogous

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



22.3949, 25.7741, 56.1329



26.4949, 25.7741, 56.4018



30.4603, 25.7741, 47.7444

Triad

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



26.4949, 25.7741, 56.4018



30.6472, 25.7741, 15.0084



17.6225, 25.7741, 22.3067

Complementary

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



26.4949, 25.7741, 56.4018



42.2171, 45.0199, 23.6052

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.



19.3686, 25.7741, 14.7060



26.4949, 25.7741, 56.4018



26.7278, 25.7741, 11.3737

Square

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



26.4949, 25.7741, 56.4018



33.0339, 25.7741, 22.8526



22.6031, 25.7741, 11.2814



17.5751, 25.7741, 34.0121

Rectangle

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



26.4949, 25.7741, 56.4018



32.3656, 25.7741, 39.1847



22.6031, 25.7741, 11.2814



18.0206, 25.7741, 19.2751

Sweetspot

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



26.4958, 25.7751, 56.4024



77.7035, 80.7092, 106.0908



35.3990, 46.9690, 48.9267



16.2613, 16.8597, 22.6471



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.



26.4958, 25.7751, 56.4024



40.5868, 38.0280, 99.8087



26.9973, 22.3711, 55.7189



10.2604, 10.6948, 13.4410



7.3626, 4.1191, 35.1514



0.4071, 0.3119, 1.6839

Inverse Universe

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



34.0205, 26.6343, 27.0157



56.0978, 40.5357, 39.0675



41.4254, 50.6176, 24.7274



10.7367, 10.6781, 11.5968



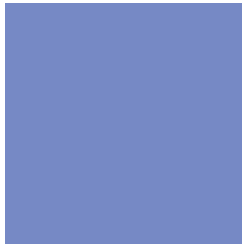
15.5156, 7.9558, 2.6591



0.7642, 0.3885, 0.2813

Previews

White Background



This preview shows how the XYZ color 26.4949, 25.7741, 56.4018 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 26.4949, 25.7741, 56.4018 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

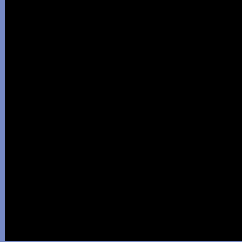
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 26.4949, 25.7741, 56.4018

Background



This preview shows how black text looks on a background with the XYZ color 26.4949, 25.7741, 56.4018.



This preview shows how white text looks on a background with the XYZ color 26.4949, 25.7741,

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

26.4949, 25.7741, 56.4018

Protanopia

26.7694, 25.9156, 56.4146

Deuteranopia

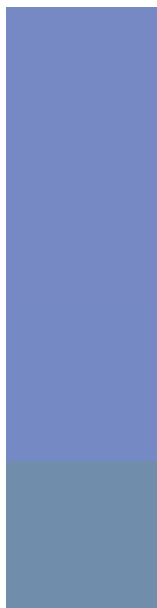
26.3598, 25.7044, 56.3955



Tritanopia

22.3105, 25.8392, 35.2641

Trichromacy



Original Color

26.4949, 25.7741, 56.4018

Protanomaly

26.6315, 25.8445, 56.4082

Deuteranomaly

26.3598, 25.7044, 56.3955

Tritanomaly

23.7058, 25.7310, 42.2452

Monochromacy



Original Color

26.4949, 25.7741, 56.4018

Achromatopsia

24.1572, 25.4152, 27.6772

Achromatomaly

24.7066, 25.5055, 36.4218

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.4949, 25.7741, 56.4018 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(118, 137, 197)` looks like.

```
.text, #text, p{  
    color:rgb(118, 137, 197)  
}
```

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(118, 137, 197) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(118, 137, 197) }
```

Border

The CSS property to change the border of an element to XYZ 26.4949, 25.7741, 56.4018 is called "border". The border property can be set on classes, ids or directly on the HTML element.

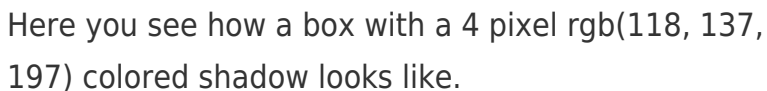
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(118, 137, 197) }
```


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

```
.border{ border-color:rgb(118, 137, 197) }
```

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



Here you see how a box with a 4 pixel `rgb(118, 137, 197)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(118, 137, 197); -webkit-box-shadow:4px 4px 4px 4px rgb(118, 137, 197); box-shadow:4px 4px 4px 4px rgb(118, 137, 197) }
```

Background

The CSS property to change the background color of an element to XYZ 26.4949, 25.7741, 56.4018 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(118, 137, 197) }
```

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

```
.background{ background-color: rgb(118,  
137, 197) }
```

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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