

Converting Colors

XYZ(26.8152, 29.4643, 46.4722)

Have a look what the booklet for
XYZ(26.8152, 29.4643, 46.4722)
contains.

XYZ(26.8719, 29.5928, 46.4152)	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(26.8719, 29.5928,
46.4152)**

Conversions

Conversions Part 1

Format	Color
Hex	7798B2
RGB	119, 152, 178
RGB Percent	47%, 60%, 70%
CMY	0.5333, 0.4039, 0.3020
CMYK	0.33, 0.15, 0.00, 0.30
HSL	206°, 28%, 58%
HSV	206°, 33%, 70%
XYZ	26.8719, 29.5928, 46.4152
YIQ	145.0970, -28.0140, 1.0900

Conversions

Conversions Part 2

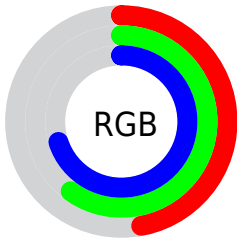
Format	Color
R_{YB}	119, 140, 178
Decimal	7837874
CIE _{Lab}	61.30, -5.03, -17.24
CIE _{LCh}	61, 17.962, 253.731
Yxy	29.5928, 0.2612, 0.2876
Android (android.graphics.Color)	4286027954 (0xFF7798B2)
YUV	145.0970, 16.2212, -22.8871
Hunter-Lab	54.3993, -7.0241, -12.5086

Details

The XYZ color **26.8719, 29.5928, 46.4152** is a light color, and the websafe version is hex **6699CC**. A complement of this color would be **31.8158, 31.0481, 21.7696**, and the grayscale version is **26.8981, 28.2989, 30.8175**.

A 20% lighter version of the original color is **54.1562, 58.9674, 86.3694**, and **10.7392, 12.0170, 21.1555** is the 20% darker color. If you saturate the color by 10%, you get **23.4229, 25.9876, 45.9016**, and if you desaturate by 10%, it is **30.8645, 33.6046, 46.9796**.

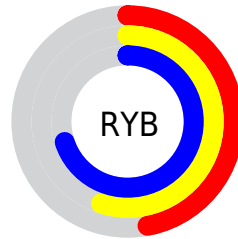
Distribution



Red (47%)

Green (60%)

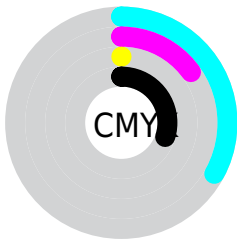
Blue (70%)



Red (47%)

Yellow (55%)

Blue (70%)

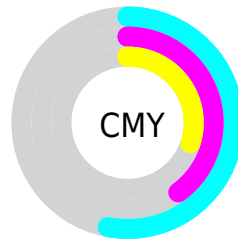


Cyan (33%)

Magenta (15%)

Yellow (0%)

Black (30%)



Cyan (53%)

Magenta (40%)

Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 26.8719, 29.5928, 46.4152 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 26.8719, 29.5928, 46.4152 by changing the saturation by 10% instead.

■ 26.8719, 29.5928,
46.4152

■ 26.8719, 29.5928,
46.4152

279.2152,
300.0018, 388.8014

■ 17.6131, 19.5297,
32.2226

■ 54.0996, 59.0176,
86.1809

■ 10.7706, 12.0537,
21.2653

■ 72.7992, 79.1481,
112.5910

■ 5.9789, 6.7802,
13.1250

■ 95.3765, 103.4033,
143.9106

■ 2.8728, 3.3250,
7.3829

122.1968,
132.1674, 180.5584

■ 1.0869, 1.3037,
3.6206

153.6254,
165.8249, 222.9528

■ 0.0141, 0.1441,
1.4196

190.0278,

■ 0.0000, 0.0000,

204.7602, 271.5124

0.1570

231.7693,
249.3577, 326.6558

■ 0.0000, 0.0000,
0.0000

■ 26.8719, 29.5928,
46.4152

■ 26.8719, 29.5928,
46.4152

■ 23.4229, 25.9876,
45.9016

■ 30.8645, 33.6046,
46.9796

■ 20.4875, 22.7691,
45.4351

■ 35.4230, 38.0348,
47.5945

■ 18.0369, 19.9206,
45.0144

■ 40.5720, 42.8991,
48.2620

■ 16.0379, 17.4225,
44.6376

■ 46.3335, 48.2108,
48.9836

■ 14.4525, 15.2526,
44.3023

■ 52.7285, 53.9832,
49.7607

■ 13.2360, 13.3850,
44.0060

■ 59.7769, 60.2284,
50.5947

■ 12.5514, 12.2452,
43.8221

■ 67.4976, 66.9583,
51.4868

■ 73.5136, 72.9496,
52.3261

■ 75.5561, 77.0345,
53.0069

Harmonies

Analogous

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



24.9665, 29.5928, 42.0923



26.8719, 29.5928, 46.4152



29.2207, 29.5928, 46.6059

Triad

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



26.8719, 29.5928, 46.4152



32.7814, 29.5928, 29.2270



25.0983, 29.5928, 23.6949

Complementary

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



26.8719, 29.5928, 46.4152



31.8158, 31.0481, 21.7696

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.



27.0611, 29.5928, 21.1508



26.8719, 29.5928, 46.4152



31.5437, 29.5928, 24.0288

Square

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



26.8719, 29.5928, 46.4152



32.7237, 29.5928, 36.0106



29.4207, 29.5928, 21.2638



23.9824, 29.5928, 28.7080

Rectangle

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



26.8719, 29.5928, 46.4152



30.7294, 29.5928, 44.3156



29.4207, 29.5928, 21.2638



25.6759, 29.5928, 22.5561

Sweetspot

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



26.8728, 29.5940, 46.4159



66.8979, 71.5111, 86.6583



28.6064, 37.7944, 32.4013



14.5429, 15.5784, 19.1627



86.6293, 91.1408, 99.2523



17.0014, 17.8868, 19.4787

Same Dimension

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



26.8728, 29.5940, 46.4159



43.9216, 48.6641, 83.4594



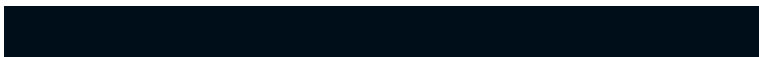
22.7191, 21.2866, 45.0313



8.4230, 8.9922, 10.7981



9.0441, 8.8885, 31.3760



0.3415, 0.3936, 1.0062

Inverse Universe

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



30.6252, 24.9265, 32.9042



51.9812, 39.4642, 54.2534



36.8394, 41.0954, 23.4442



8.6887, 8.5822, 9.8591



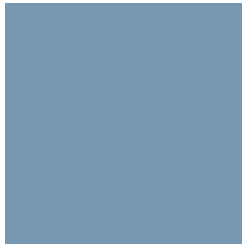
14.7997, 7.4374, 9.3710



0.4944, 0.2455, 0.4462

Previews

White Background



This preview shows how the XYZ color 26.8719, 29.5928, 46.4152 looks on a white background.

Color Contrast Check

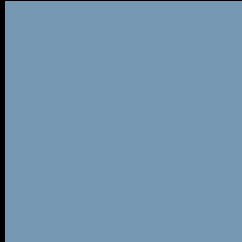
Large Text (above 18pt) WCAG AA ✓ Pass

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 26.8719, 29.5928, 46.4152 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

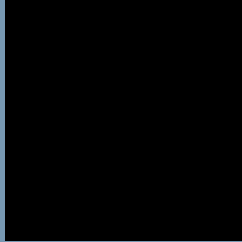
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

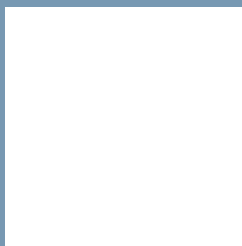
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 26.8719, 29.5928, 46.4152

Background



This preview shows how black text looks on a background with the XYZ color 26.8719, 29.5928, 46.4152.



This preview shows how white text looks on a background with the XYZ color 26.8719, 29.5928,

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

26.8719, 29.5928, 46.4152

Protanopia

29.0742, 29.3645, 44.1799

Deuteranopia

30.0655, 29.3528, 47.2610



Tritanopia

25.6410, 29.5774, 40.4340

Trichromacy



Original Color

26.8719, 29.5928, 46.4152

Protanomaly

28.1593, 29.3433, 44.7371

Deuteranomaly

28.7237, 29.3564, 46.8003

Tritanomaly

25.9830, 29.4667, 42.3484

Monochromacy



Original Color

26.8719, 29.5928, 46.4152

Achromatopsia

26.9133, 28.3149, 30.8349

Achromatomaly

26.8291, 28.8484, 36.0525

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.8719, 29.5928, 46.4152 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, 152, 178)` looks like.

```
.text, #text, p{  
    color:rgb(119, 152, 178)  
}
```

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, 152, 178) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(119, 152, 178) }
```

Border

The CSS property to change the border of an element to XYZ 26.8719, 29.5928, 46.4152 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, 152, 178) }
```


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

```
.border{ border-color:rgb(119, 152, 178) }
```

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

Here you see how a box with a 4 pixel `rgb(119, 152, 178)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(119, 152, 178); -webkit-box-  
shadow:4px 4px 4px 4px rgb(119, 152, 178);  
box-shadow:4px 4px 4px 4px rgb(119, 152,  
178) }
```

Background

The CSS property to change the background color of an element to XYZ 26.8719, 29.5928, 46.4152 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(119, 152, 178) }
```

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

```
.background{ background-color: rgb(119,  
152, 178) }
```

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