

Converting Colors

XYZ(26.8691, 30.2306, 48.2529)

Have a look what the booklet for
XYZ(26.8691, 30.2306, 48.2529)
contains.

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Color

**XYZ(26.8719, 30.2896,
48.1462)**

Conversions

Conversions Part 1

Format	Color
Hex	719BB5
RGB	113, 155, 181
RGB Percent	44%, 61%, 71%
CMY	0.5569, 0.3921, 0.2902
CMYK	0.38, 0.14, 0.00, 0.29
HSL	203°, 31%, 58%
HSV	203°, 38%, 71%
XYZ	26.8719, 30.2896, 48.1462
YIQ	145.4060, -33.3780, -0.8180

Conversions

Conversions Part 2

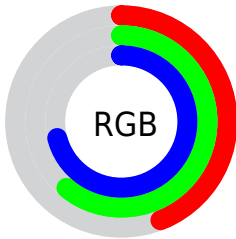
Format	Color
RYB	113, 139, 181
Decimal	7445429
CIELab	61.90, -7.63, -18.05
CIELCh	62, 19.598, 247.098
Yxy	30.2896, 0.2552, 0.2876
Android (android.graphics.Color)	4285635509 (0xFF719BB5)
YUV	145.4060, 17.5478, -28.4201
Hunter-Lab	55.0360, -9.1585, -13.3425

Details

The XYZ color **26.8719, 30.2896, 48.1462** is a light color, and the websafe version is hex **6699CC**. A complement of this color would be **31.2699, 29.4818, 19.6662**, and the grayscale version is **27.0201, 28.4273, 30.9573**.

A 20% lighter version of the original color is **54.0229, 59.9308, 88.8413**, and **10.7711, 12.4512, 22.2577** is the 20% darker color. If you saturate the color by 10%, you get **23.6527, 26.9696, 47.6756**, and if you desaturate by 10%, it is **30.6235, 33.9834, 48.6620**.

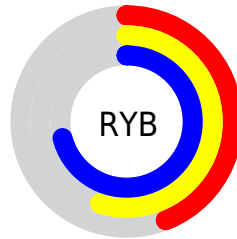
Distribution



Red (44%)

Green (61%)

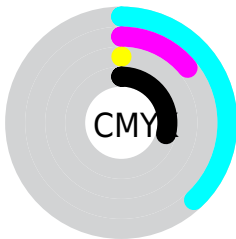
Blue (71%)



Red (44%)

Yellow (55%)

Blue (71%)

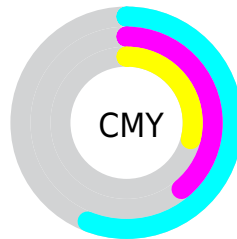


Cyan (38%)

Magenta (14%)

Yellow (0%)

Black (29%)



Cyan (56%)

Magenta (39%)

Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 26.8719, 30.2896, 48.1462 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, 30.2896, 48.1462 by changing the saturation by 10% instead.

■ 26.8719, 30.2896,
48.1462

■ 26.8719, 30.2896,
48.1462

279.2152,
303.2520, 395.8968

■ 17.6131, 20.0585,
33.5819

■ 54.0996, 60.1199,
88.7899

■ 10.7706, 12.4376,
22.2978

■ 72.7992, 80.4878,
115.7063

■ 5.9789, 7.0424,
13.8755

■ 95.3765, 105.0035,
147.5771

■ 2.8728, 3.4886,
7.8964

122.1968,
134.0514, 184.8209

■ 1.0869, 1.3919,
3.9419

153.6254,
168.0157, 227.8562

■ 0.0141, 0.2107,
1.5935

190.0278,

■ 0.0000, 0.0000,

207.2810, 277.1016

0.2862

231.7693,
252.2317, 332.9756

■ 0.0000, 0.0000,
0.0000

■ 26.8719, 30.2896,
48.1462

■ 26.8719, 30.2896,
48.1462

■ 23.6527, 26.9696,
47.6756

■ 30.6235, 33.9834,
48.6620

■ 20.9341, 24.0034,
47.2463

■ 34.9310, 38.0627,
49.2223

■ 18.6852, 21.3741,
46.8574

■ 39.8202, 42.5430,
49.8294

■ 16.8702, 19.0614,
46.5066

■ 45.3141, 47.4376,
50.4846

■ 15.4475, 17.0422,
46.1919

■ 51.4345, 52.7594,
51.1892

■ 14.3546, 15.2824,
45.9098

■ 58.2021, 58.5204,
51.9445

■ 14.1124, 14.8799,
45.8449

■ 65.6365, 64.7322,
52.7517

■ 72.7175, 70.8702,
53.5632

■ 74.4672, 74.3695,
54.1465

Harmonies

Analogous

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



24.9530, 30.2896, 42.4768



26.8719, 30.2896, 48.1462



29.4167, 30.2896, 49.4805

Triad

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



26.8719, 30.2896, 48.1462



34.0868, 30.2896, 31.2284



25.8546, 30.2896, 22.7537

Complementary

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



26.8719, 30.2896, 48.1462



31.2699, 29.4818, 19.6662

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.



28.1710, 30.2896, 20.6285



26.8719, 30.2896, 48.1462



33.0000, 30.2896, 25.0163

Square

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



26.8719, 30.2896, 48.1462



33.6869, 30.2896, 38.9234



30.7959, 30.2896, 21.3891



24.3911, 30.2896, 27.6751

Rectangle

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



26.8719, 30.2896, 48.1462



31.1471, 30.2896, 47.5737



30.7959, 30.2896, 21.3891



26.5537, 30.2896, 21.7255

Sweetspot

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



26.8729, 30.2908, 48.1469



68.0271, 73.2067, 88.8395



27.9173, 38.3922, 29.9594



14.4497, 15.5908, 19.1700



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.



26.8729, 30.2908, 48.1469



43.3400, 49.3335, 85.5327



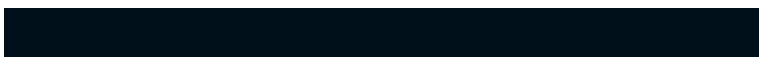
22.1191, 20.7833, 46.5623



8.4643, 9.0748, 10.8118



9.7973, 10.3949, 31.6270



0.3625, 0.4356, 1.0132

Inverse Universe

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



30.8784, 24.0015, 34.0169



51.7474, 37.2083, 55.6329



36.7772, 40.4963, 21.5019



8.7096, 8.5905, 9.9689



15.1799, 7.5895, 11.3731



0.5050, 0.2498, 0.5021

Previews

White Background



This preview shows how the XYZ color 26.8719, 30.2896, 48.1462 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

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, 30.2896, 48.1462 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

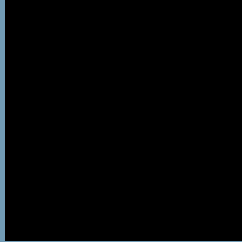
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 26.8719, 30.2896, 48.1462

Background



This preview shows how black text looks on a background with the XYZ color 26.8719, 30.2896, 48.1462.



This preview shows how white text looks on a background with the XYZ color 26.8719, 30.2896,

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, 30.2896, 48.1462

Protanopia

29.7541, 30.1540, 45.3264

Deuteranopia

30.6802, 30.0877, 48.9902



Tritanopia

25.7431, 30.3312, 42.5279

Trichromacy



Original Color

26.8719, 30.2896, 48.1462

Protanomaly

28.6182, 30.2531, 46.4506

Deuteranomaly

29.0225, 29.9406, 48.5054

Tritanomaly

26.0840, 30.2124, 44.5012

Monochromacy



Original Color

26.8719, 30.2896, 48.1462

Achromatopsia

26.9133, 28.3149, 30.8349

Achromatomaly

26.5919, 28.9501, 36.5341

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.8719, 30.2896, 48.1462 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(113, 155, 181)` looks like.

```
.text, #text, p{  
    color:rgb(113, 155, 181)  
}
```

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(113, 155, 181) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(113, 155, 181) }
```

Border

The CSS property to change the border of an element to XYZ 26.8719, 30.2896, 48.1462 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(113, 155, 181) }
```


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

```
.border{ border-color:rgb(113, 155, 181) }
```

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

Here you see how a box with a 4 pixel `rgb(113, 155, 181)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(113, 155, 181); -webkit-box-  
shadow:4px 4px 4px 4px rgb(113, 155, 181);  
box-shadow:4px 4px 4px 4px rgb(113, 155,  
181) }
```

Background

The CSS property to change the background color of an element to XYZ 26.8719, 30.2896, 48.1462 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(113, 155, 181) }
```

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

```
.background{ background-color: rgb(113,  
155, 181) }
```

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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