

Converting Colors

XYZ(26.8148, 30.4479, 50.9181)

Have a look what the booklet for
XYZ(26.8148, 30.4479, 50.9181)
contains.

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Color

**XYZ(26.8148, 30.4479,
50.9181)**

Conversions

Conversions Part 1

Format	Color
Hex	6B9CBA
RGB	107, 156, 186
RGB Percent	42%, 61%, 73%
CMY	0.5804, 0.3882, 0.2706
CMYK	0.42, 0.16, 0.00, 0.27
HSL	203°, 36%, 57%
HSV	203°, 42%, 73%
XYZ	26.8148, 30.4479, 50.9181
YIQ	144.7690, -38.8340, -1.0580

Conversions

Conversions Part 2

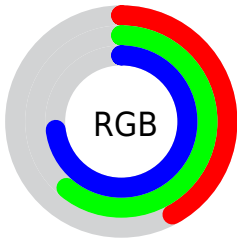
Format	Color
RYB	107, 137, 186
Decimal	7052474
CIELab	62.04, -8.44, -20.69
CIElCh	62, 22.346, 247.800
Yxy	30.4479, 0.2479, 0.2815
Android (android.graphics.Color)	4285242554 (0xFF6B9CBA)
YUV	144.7690, 20.3269, -33.1234
Hunter-Lab	55.1796, -9.8214, -16.0853

Details

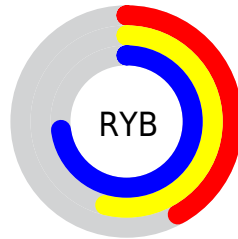
The XYZ color **26.8148, 30.4479, 50.9181** is a dark color, and the websafe version is hex **6699CC**. A complement of this color would be **31.8499, 29.3927, 17.9056**, and the grayscale version is **26.7522, 28.1454, 30.6504**.

A 20% lighter version of the original color is **53.7715, 60.0811, 92.7671**, and **10.7534, 12.5535, 24.0466** is the 20% darker color. If you saturate the color by 10%, you get **23.6637, 27.1154, 50.4415**, and if you desaturate by 10%, it is **30.5178, 34.1685, 51.4416**.

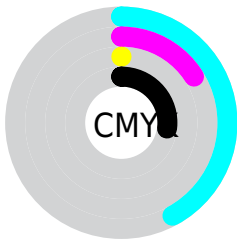
Distribution



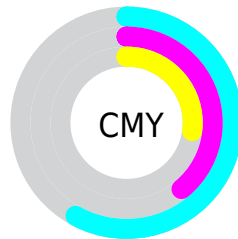
- Red (42%)
- Green (61%)
- Blue (73%)



- Red (42%)
- Yellow (54%)
- Blue (73%)



- Cyan (42%)
- Magenta (16%)
- Yellow (0%)
- Black (27%)



- Cyan (58%)
- Magenta (39%)
- Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 26.8148, 30.4479, 50.9181 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 26.8148, 30.4479, 50.9181 by changing the saturation by 10% instead.

■ 26.8148, 30.4479,
50.9181

■ 26.8148, 30.4479,
50.9181

278.9432,
303.9867, 407.0830

■ 17.5700, 20.1788,
35.7672

■ 54.0085, 60.3698,
92.9440

■ 10.7396, 12.5251,
23.9662

■ 72.6882, 80.7914,
120.6560

■ 5.9580, 7.1023,
15.0965

■ 95.2436, 105.3659,
153.3921

■ 2.8600, 3.5262,
8.7398

■ 122.0400,
134.4778, 191.5708

■ 1.0801, 1.4122,
4.4774

153.4428,
168.5114, 235.6107

■ 0.0084, 0.2257,
1.8907

189.8174,

■ 0.0000, 0.0000,

207.8512, 285.9304

0.4868

231.5291,
252.8815, 342.9483

■ 0.0000, 0.0000,
0.0000

■ 26.8148, 30.4479,
50.9181

■ 26.8148, 30.4479,
50.9181

■ 23.6637, 27.1154,
50.4415

■ 30.5178, 34.1685,
51.4416

■ 21.0293, 24.1492,
50.0078

■ 34.7992, 38.2907,
52.0116

■ 18.8765, 21.5302,
49.6157

■ 39.6873, 42.8313,
52.6304

■ 17.1642, 19.2353,
49.2630

■ 45.2075, 47.8050,
53.2995

■ 15.8436, 17.2374,
48.9470

■ 51.3838, 53.2258,
54.0203

■ 15.0360, 15.8911,
48.7297

■ 58.2389, 59.1068,
54.7941

■ 65.7942, 65.4606,
55.6223

■ 73.7737, 72.1465,
56.4923

■ 75.5838, 75.7667,
57.0957

Harmonies

Analogous

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



24.6176, 30.4479, 44.3419



26.8148, 30.4479, 50.9181



29.7296, 30.4479, 52.3581

Triad

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



26.8148, 30.4479, 50.9181



35.0384, 30.4479, 30.9611



25.5468, 30.4479, 21.7387

Complementary

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



26.8148, 30.4479, 50.9181



31.8499, 29.3927, 17.9056

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.



28.1641, 30.4479, 19.3326



26.8148, 30.4479, 50.9181



33.7405, 30.4479, 24.0243

Square

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



26.8148, 30.4479, 50.9181



34.6150, 30.4479, 39.7937



31.1742, 30.4479, 20.0903



23.9215, 30.4479, 27.2948

Rectangle

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



26.8148, 30.4479, 50.9181



31.7139, 30.4479, 50.0157



31.1742, 30.4479, 20.0903



26.3324, 30.4479, 20.5826

Sweetspot

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



26.8158, 30.4491, 50.9188



71.2370, 76.9947, 95.3083



28.0647, 40.0209, 29.5268



15.2367, 16.5409, 20.9322



90.7827, 95.5105, 104.0109



18.6292, 19.5994, 21.3438

Same Dimension

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



26.8158, 30.4491, 50.9188



43.2217, 49.5070, 91.4792



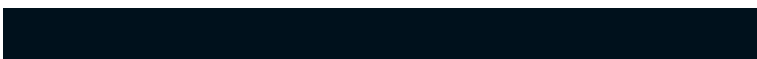
21.3508, 19.5192, 49.0972



8.9724, 9.6221, 11.4638



10.1897, 10.8390, 32.8082



0.4169, 0.4974, 1.1758

Inverse Universe

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



31.5090, 23.3557, 34.3011



53.1535, 35.9997, 55.9754



38.3252, 42.3433, 20.0640



9.2324, 9.1033, 10.5714



15.7570, 7.8765, 11.8728



0.5846, 0.2893, 0.5718

Previews

White Background



This preview shows how the XYZ color 26.8148, 30.4479, 50.9181 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 26.8148, 30.4479, 50.9181 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

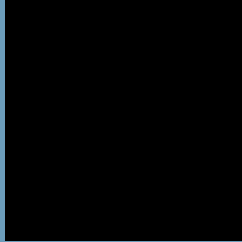
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 26.8148, 30.4479, 50.9181

Background



This preview shows how black text looks on a background with the XYZ color 26.8148, 30.4479, 50.9181.

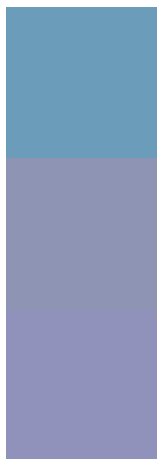


This preview shows how white text looks on a background with the XYZ color 26.8148, 30.4479,

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

26.8148, 30.4479, 50.9181

Protanopia

29.9835, 30.2259, 47.4339

Deuteranopia

30.8576, 30.1179, 51.7639



Tritanopia

25.3423, 30.6201, 43.1027

Trichromacy



Original Color

26.8148, 30.4479, 50.9181

Protanomaly

28.5634, 30.1777, 48.5754

Deuteranomaly

29.2361, 30.2258, 51.3070

Tritanomaly

25.7723, 30.5314, 45.6091

Monochromacy



Original Color

26.8148, 30.4479, 50.9181

Achromatopsia

26.9133, 28.3149, 30.8349

Achromatomaly

26.4527, 28.8583, 37.4337

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.8148, 30.4479, 50.9181 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(107, 156, 186)` looks like.

```
.text, #text, p{  
    color:rgb(107, 156, 186)  
}
```

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(107, 156, 186) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(107, 156, 186) }
```

Border

The CSS property to change the border of an element to XYZ 26.8148, 30.4479, 50.9181 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(107, 156, 186) }
```


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

```
.border{ border-color:rgb(107, 156, 186) }
```

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

Here you see how a box with a 4 pixel `rgb(107, 156, 186)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(107, 156, 186); -webkit-box-  
shadow:4px 4px 4px 4px rgb(107, 156, 186);  
box-shadow:4px 4px 4px 4px rgb(107, 156,  
186) }
```

Background

The CSS property to change the background color of an element to XYZ 26.8148, 30.4479, 50.9181 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(107, 156, 186) }
```

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

```
.background{ background-color: rgb(107,  
156, 186) }
```

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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