

Converting Colors

XYZ(26.1819, 26.8931, 47.5270)

Have a look what the booklet for
XYZ(26.1819, 26.8931, 47.5270)
contains.

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Color

**XYZ(26.1819, 26.8932,
47.5270)**

Conversions

Conversions Part 1

Format	Color
Hex	7B8EB5
RGB	123, 142, 181
RGB Percent	48%, 56%, 71%
CMY	0.5176, 0.4431, 0.2902
CMYK	0.32, 0.22, 0.00, 0.29
HSL	220°, 28%, 60%
HSV	220°, 32%, 71%
XYZ	26.1819, 26.8932, 47.5270
YIQ	140.7650, -23.8430, 8.1010

Conversions

Conversions Part 2

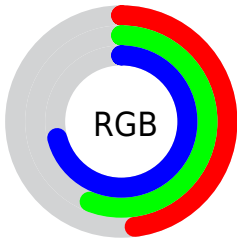
Format	Color
R_{YB}	123, 137, 181
Decimal	8097461
CIE _{Lab}	58.88, 2.59, -22.62
CIE _{LCh}	59, 22.766, 276.536
Yxy	26.8932, 0.2603, 0.2673
Android (android.graphics.Color)	4286287541 (0xFF7B8EB5)
YUV	140.7650, 19.8359, -15.5799
Hunter-Lab	51.8587, -0.6333, -18.0366

Details

The XYZ color **26.1819, 26.8932, 47.5270** is a dark color, and the websafe version is hex **6699CC**. A complement of this color would be **35.5520, 37.0949, 24.0260**, and the grayscale version is **25.1577, 26.4679, 28.8235**.

A 20% lighter version of the original color is **53.1575, 54.9414, 87.9238**, and **10.3959, 10.5905, 21.9183** is the 20% darker color. If you saturate the color by 10%, you get **22.1152, 22.2543, 46.8464**, and if you desaturate by 10%, it is **30.9268, 32.1765, 48.2972**.

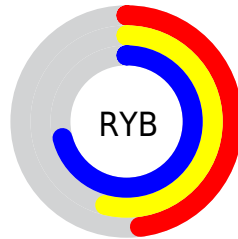
Distribution



Red (48%)

Green (56%)

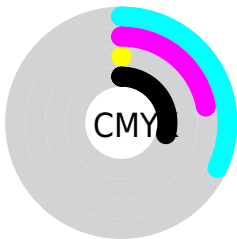
Blue (71%)



Red (48%)

Yellow (54%)

Blue (71%)

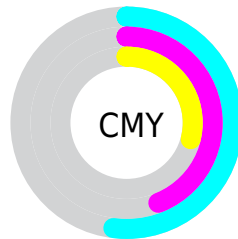


Cyan (32%)

Magenta (22%)

Yellow (0%)

Black (29%)



Cyan (52%)

Magenta (44%)

Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 26.1819, 26.8932, 47.5270 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 26.1819, 26.8932, 47.5270 by changing the saturation by 10% instead.

■ 26.1819, 26.8932,
47.5270

■ 26.1819, 26.8932,
47.5270

275.9142,
287.1396, 393.3687

■ 17.0932, 17.4930,
33.0951

■ 52.9975, 54.7124,
87.8579

■ 10.3967, 10.5866,
21.9276

■ 71.4550, 73.9003,
114.5941

■ 5.7270, 5.7896,
13.6059

■ 93.7662, 97.1195,
146.2688

■ 2.7189, 2.7176,
7.7115

120.2964,
124.7545, 183.3005

■ 1.0069, 0.9861,
3.8258

151.4109,
157.1896, 226.1078

■ 0.0000, 0.0000,
1.5303

187.4752,

■ 0.0000, 0.0000,

194.8092, 275.1092

0.2403

228.8545,
237.9978, 330.7234

■ 0.0000, 0.0000,
0.0000

■ 26.1819, 26.8932,
47.5270

■ 26.1819, 26.8932,
47.5270

■ 22.1152, 22.2543,
46.8464

■ 30.9268, 32.1765,
48.2972

■ 18.6913, 18.2304,
46.2502

■ 36.3777, 38.1256,
49.1582

■ 15.8755, 14.7941,
45.7353

■ 42.5641, 44.7648,
50.1136

■ 13.6284, 11.9149,
45.2980

■ 49.5127, 52.1164,
51.1664

■ 11.9056, 9.5587,
44.9340

■ 57.2491, 60.2013,
52.3192

■ 10.6549, 7.6866,
44.6386

■ 65.7976, 69.0397,
53.5746

■ 9.9198, 6.4947,
44.4473

■ 75.1815, 78.6511,
54.9352

■ 80.5546, 86.5442,
56.1755

■ 84.2458, 93.9268,
57.4059

Harmonies

Analogous

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



23.4673, 26.8932, 45.9155



26.1819, 26.8932, 47.5270



28.9186, 26.8932, 43.5762

Triad

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



26.1819, 26.8932, 47.5270



30.1583, 26.8932, 20.9938



20.9134, 26.8932, 23.5369

Complementary

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



26.1819, 26.8932, 47.5270



35.5520, 37.0949, 24.0260

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.



22.4742, 26.8932, 18.5153



26.1819, 26.8932, 47.5270



27.7760, 26.8932, 17.2463

Square

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



26.1819, 26.8932, 47.5270



31.3206, 26.8932, 27.5538



24.9503, 26.8932, 16.4303



20.5549, 26.8932, 31.0813

Rectangle

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



26.1819, 26.8932, 47.5270



30.3445, 26.8932, 38.6818



24.9503, 26.8932, 16.4303



21.3090, 26.8932, 21.5437

Sweetspot

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



26.1828, 26.8943, 47.5276



67.1278, 70.4167, 88.3484



31.1849, 39.8561, 40.0773



14.1930, 14.8787, 19.0461



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.



26.1828, 26.8943, 47.5276



41.9578, 42.5625, 84.2986



25.0446, 22.4625, 46.7322



8.2618, 8.6698, 10.7443



6.8956, 4.5916, 30.6598



0.2716, 0.2537, 0.9829

Inverse Universe

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



31.0222, 25.9435, 28.9649



52.0278, 41.0651, 45.5652



36.9669, 43.1737, 25.1248



8.6073, 8.5497, 9.4307



13.7152, 7.0037, 3.6605



0.4591, 0.2314, 0.2604

Previews

White Background



This preview shows how the XYZ color 26.1819, 26.8932, 47.5270 looks on a white background.

Color Contrast Check

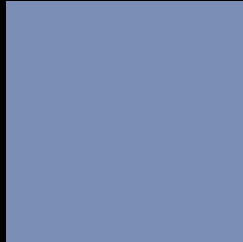
Large Text (above 18pt) WCAG AA ✓ Pass

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 26.1819, 26.8932, 47.5270 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

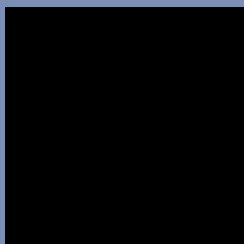
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

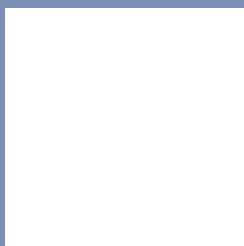
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 26.1819, 26.8932, 47.5270

Background



This preview shows how black text looks on a background with the XYZ color 26.1819, 26.8932, 47.5270.



This preview shows how white text looks on a background with the XYZ color 26.1819, 26.8932,

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

26.1819, 26.8932, 47.5270

Protanopia

26.8748, 26.8361, 46.4113

Deuteranopia

27.5076, 26.9110, 48.0005



Tritanopia

23.9217, 26.8779, 36.2749

Trichromacy



Original Color

26.1819, 26.8932, 47.5270

Protanomaly

26.6652, 26.9342, 46.9734

Deuteranomaly

27.0275, 26.8794, 48.0197

Tritanomaly

24.7541, 26.9970, 39.9827

Monochromacy



Original Color

26.1819, 26.8932, 47.5270

Achromatopsia

25.3171, 26.6356, 29.0061

Achromatomaly

25.3571, 26.5184, 35.2346

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.1819, 26.8932, 47.5270 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(123, 142, 181)` looks like.

```
.text, #text, p{  
    color:rgb(123, 142, 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(123, 142, 181) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(123, 142, 181) }
```

Border

The CSS property to change the border of an element to XYZ 26.1819, 26.8932, 47.5270 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(123, 142, 181) }
```


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

```
.border{ border-color:rgb(123, 142, 181) }
```

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

Here you see how a box with a 4 pixel `rgb(123, 142, 181)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(123, 142, 181); -webkit-box-  
shadow:4px 4px 4px 4px rgb(123, 142, 181);  
box-shadow:4px 4px 4px 4px rgb(123, 142,  
181) }
```

Background

The CSS property to change the background color of an element to XYZ 26.1819, 26.8932, 47.5270 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(123, 142, 181) }
```

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

```
.background{ background-color: rgb(123,  
142, 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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