

Converting Colors

XYZ(26.0686, 29.1930, 46.6444)

Have a look what the booklet for
XYZ(26.0686, 29.1930, 46.6444)
contains.

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Color

**XYZ(26.0470, 29.1559,
46.9027)**

Conversions

Conversions Part 1

Format	Color
Hex	7098B3
RGB	112, 152, 179
RGB Percent	44%, 60%, 70%
CMY	0.5608, 0.4039, 0.2980
CMYK	0.37, 0.15, 0.00, 0.30
HSL	204°, 31%, 57%
HSV	204°, 37%, 70%
XYZ	26.0470, 29.1559, 46.9027
YIQ	143.1180, -32.5070, -0.0830

Conversions

Conversions Part 2

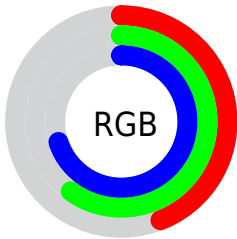
Format	Color
RYB	112, 137, 179
Decimal	7379123
CIELab	60.92, -6.78, -18.43
CIElCh	61, 19.634, 249.808
Yxy	29.1559, 0.2551, 0.2855
Android (android.graphics.Color)	4285569203 (0xFF7098B3)
YUV	143.1180, 17.6898, -27.2905
Hunter-Lab	53.9962, -8.3875, -13.7037

Details

The XYZ color **26.0470, 29.1559, 46.9027** is a light color, and the websafe version is hex **6699CC**. A complement of this color would be **30.7482, 29.2192, 19.3493**, and the grayscale version is **26.0971, 27.4562, 29.8998**.

A 20% lighter version of the original color is **52.7926, 58.2478, 87.0577**, and **10.2831, 11.7744, 21.4694** is the 20% darker color. If you saturate the color by 10%, you get **22.8567, 25.8264, 46.4287**, and if you desaturate by 10%, it is **29.7631, 32.8635, 47.4230**.

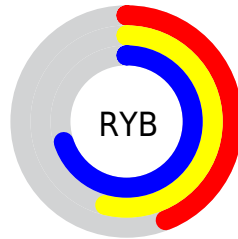
Distribution



Red (44%)

Green (60%)

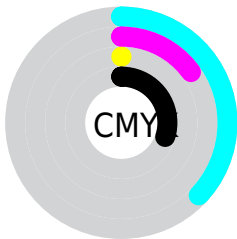
Blue (70%)



Red (44%)

Yellow (54%)

Blue (70%)

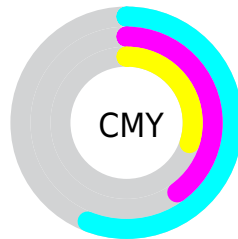


Cyan (37%)

Magenta (15%)

Yellow (0%)

Black (30%)



Cyan (56%)

Magenta (40%)

Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 26.0470, 29.1559, 46.9027 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 26.0470, 29.1559, 46.9027 by changing the saturation by 10% instead.

■ 26.0470, 29.1559,
46.9027

■ 26.0470, 29.1559,
46.9027

■ 275.2652,
297.9498, 390.8085

■ 16.9917, 19.1988,
32.6049

■ 52.7815, 58.3247,
86.9168

■ 10.3238, 11.8140,
21.5553

■ 71.1914, 78.3052,
113.4703

■ 5.6781, 6.6172,
13.3354

■ 93.4502, 102.3955,
144.9461

■ 2.6891, 3.2239,
7.5264

■ 119.9233,
130.9802, 181.7627

■ 0.9916, 1.2497,
3.7101

■ 150.9759,
164.4436, 224.3387

■ 0.0000, 0.1017,
1.4677

186.9736,

■ 0.0000, 0.0000,

203.1700, 273.0926

0.1937

228.2815,
247.5440, 328.4431

■ 0.0000, 0.0000,
0.0000

■ 26.0470, 29.1559,
46.9027

■ 26.0470, 29.1559,
46.9027

■ 22.8567, 25.8264,
46.4287

■ 29.7631, 32.8635,
47.4230

■ 20.1612, 22.8552,
45.9973

■ 34.0283, 36.9610,
47.9891

■ 17.9304, 20.2254,
45.6073

■ 38.8675, 41.4637,
48.6031

■ 16.1292, 17.9171,
45.2566

■ 44.3035, 46.3851,
49.2666

■ 14.7170, 15.9073,
44.9431

■ 50.3576, 51.7379,
49.9807

■ 13.6336, 14.1628,
44.6635

■ 57.0500, 57.5341,
50.7467

■ 13.3809, 13.7429,
44.5958

■ 64.4001, 63.7853,
51.5659

■ 72.3514, 70.4640,
52.4360

■ 74.1694, 74.0999,
53.0420

Harmonies

Analogous

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



24.0993, 29.1559, 41.6552



26.0470, 29.1559, 46.9027



28.5589, 29.1559, 47.7647

Triad

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



26.0470, 29.1559, 46.9027



32.8516, 29.1559, 29.4040



24.6779, 29.1559, 22.0997

Complementary

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



26.0470, 29.1559, 46.9027



30.7482, 29.2192, 19.3493

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.



26.8816, 29.1559, 19.7806



26.0470, 29.1559, 46.9027



31.6684, 29.1559, 23.5476

Square

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



26.0470, 29.1559, 46.9027



32.5940, 29.1559, 36.8654



29.4461, 29.1559, 20.2663



23.3433, 29.1559, 27.1236

Rectangle

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



26.0470, 29.1559, 46.9027



30.2318, 29.1559, 45.6188



29.4461, 29.1559, 20.2663



25.3359, 29.1559, 21.0160

Sweetspot

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



26.0479, 29.1570, 46.9034



66.2307, 71.1433, 86.6225



27.4485, 37.5438, 30.1503



14.4152, 15.5219, 19.1585



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.



26.0479, 29.1570, 46.9034



41.8259, 47.2038, 83.2879



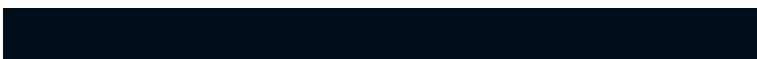
21.3807, 19.8226, 45.3476



8.4497, 9.0455, 10.8069



9.5205, 9.8413, 31.5348



0.3549, 0.4204, 1.0107

Inverse Universe

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



30.0528, 23.4399, 32.6474



50.2567, 36.2220, 53.0413



36.3253, 40.3736, 21.2084



8.7022, 8.5876, 9.9300



15.0402, 7.5336, 10.6374



0.5012, 0.2482, 0.4819

Previews

White Background



This preview shows how the XYZ color 26.0470, 29.1559, 46.9027 looks on a white background.

Color Contrast Check

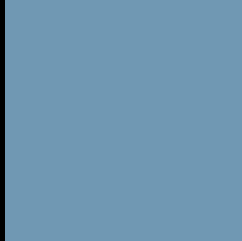
Large Text (above 18pt) WCAG AA ✓ Pass

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 26.0470, 29.1559, 46.9027 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

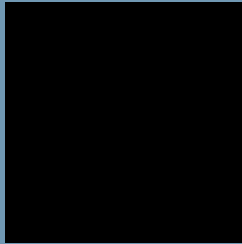
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

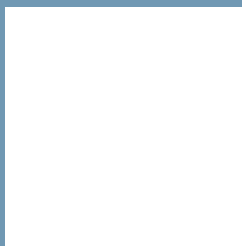
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 26.0470, 29.1559, 46.9027

Background



This preview shows how black text looks on a background with the XYZ color 26.0470, 29.1559, 46.9027.



This preview shows how white text looks on a background with the XYZ color 26.0470, 29.1559,

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

26.0470, 29.1559, 46.9027

Protanopia

28.5806, 28.8822, 44.1129

Deuteranopia

29.4906, 28.8208, 47.7247



Tritanopia

24.8373, 29.1524, 40.8771

Trichromacy



Original Color

26.0470, 29.1559, 46.9027

Protanomaly

27.6323, 29.0602, 45.2271

Deuteranomaly

28.0328, 28.7586, 47.2535

Tritanomaly

25.1723, 29.0377, 42.8062

Monochromacy



Original Color

26.0470, 29.1559, 46.9027

Achromatopsia

26.1081, 27.4677, 29.9124

Achromatomaly

25.7954, 27.8636, 35.4711

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.0470, 29.1559, 46.9027 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(112, 152, 179)` looks like.

```
.text, #text, p{  
    color:rgb(112, 152, 179)  
}
```

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(112, 152, 179) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(112, 152, 179) }
```

Border

The CSS property to change the border of an element to XYZ 26.0470, 29.1559, 46.9027 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(112, 152, 179) }
```


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

```
.border{ border-color:rgb(112, 152, 179) }
```

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

Here you see how a box with a 4 pixel `rgb(112, 152, 179)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(112, 152, 179); -webkit-box-  
shadow:4px 4px 4px 4px rgb(112, 152, 179);  
box-shadow:4px 4px 4px 4px rgb(112, 152,  
179) }
```

Background

The CSS property to change the background color of an element to XYZ 26.0470, 29.1559, 46.9027 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(112, 152, 179) }
```

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

```
.background{ background-color: rgb(112,  
152, 179) }
```

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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