

Converting Colors

XYZ(26.1535, 30.7976, 42.0236)

Have a look what the booklet for
XYZ(26.1535, 30.7976, 42.0236)
contains.

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Color

**XYZ(26.1983, 30.8290,
42.1059)**

Conversions

Conversions Part 1

Format	Color
Hex	719EA9
RGB	113, 158, 169
RGB Percent	44%, 62%, 66%
CMY	0.5569, 0.3804, 0.3373
CMYK	0.33, 0.07, 0.00, 0.34
HSL	192°, 25%, 55%
HSV	192°, 33%, 66%
XYZ	26.1983, 30.8290, 42.1059
YIQ	145.7990, -30.3510, -6.1190

Conversions

Conversions Part 2

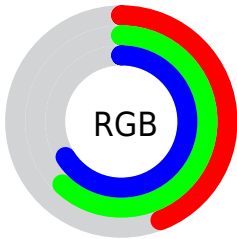
Format	Color
RYB	113, 138, 169
Decimal	7446185
CIELab	62.36, -12.37, -10.60
CIElCh	62, 16.294, 220.590
Yxy	30.8290, 0.2643, 0.3110
Android (android.graphics.Color)	4285636265 (0xFF719EA9)
YUV	145.7990, 11.4381, -28.7647
Hunter-Lab	55.5239, -12.9436, -6.0952

Details

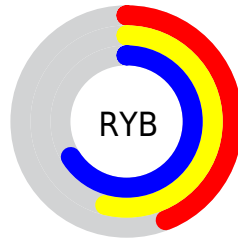
The XYZ color **26.1983, 30.8290, 42.1059** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **26.5508, 24.0428, 18.8647**, and the grayscale version is **27.2036, 28.6203, 31.1675**.

A 20% lighter version of the original color is **53.1851, 61.1858, 79.5279**, and **10.4552, 12.8239, 18.7538** is the 20% darker color. If you saturate the color by 10%, you get **23.6649, 28.6946, 41.8280**, and if you desaturate by 10%, it is **29.1537, 33.2052, 42.4093**.

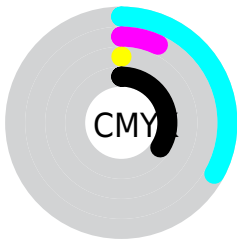
Distribution



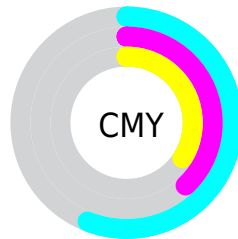
- Red (44%)
- Green (62%)
- Blue (66%)



- Red (44%)
- Yellow (54%)
- Blue (66%)



- Cyan (33%)
- Magenta (7%)
- Yellow (0%)
- Black (34%)



- Cyan (56%)
- Magenta (38%)
- Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 26.1983, 30.8290, 42.1059 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 26.1983, 30.8290, 42.1059 by changing the saturation by 10% instead.

■ 26.1983, 30.8290,
42.1059

■ 26.1983, 30.8290,
42.1059

275.9930,
305.7498, 370.7343

■ 17.1055, 20.4687,
28.8580

■ 53.0237, 60.9707,
79.6317

■ 10.4055, 12.7362,
18.7288

■ 71.4870, 81.5210,
104.7467

■ 5.7330, 7.2471,
11.2997

■ 93.8046, 106.2366,
134.6545

■ 2.7225, 3.6171,
6.1521

120.3417,
135.5020, 169.7736

■ 1.0088, 1.4618,
2.8675

151.4637,
169.7017, 210.5227

■ 0.0000, 0.2616,
1.0274

187.5361,

■ 0.0000, 0.0000,

209.2199, 257.3201

0.0000

228.9241,
254.4411, 310.5845

■ 26.1983, 30.8290,
42.1059

■ 26.1983, 30.8290,
42.1059

■ 23.6649, 28.6946,
41.8280

■ 29.1537, 33.2052,
42.4093

■ 21.5282, 26.7864,
41.5723

■ 32.5492, 35.8304,
42.7371

■ 19.7642, 25.0927,
41.3383

■ 36.4053, 38.7161,
43.0908

■ 18.3451, 23.5990,
41.1248

■ 40.7403, 41.8719,
43.4715

■ 17.2393, 22.2888,
40.9302

■ 45.5713, 45.3068,
43.8799

■ 16.4088, 21.1423,
40.7527

■ 50.9148, 49.0295,
44.3168

■ 15.9389, 20.4194,
40.6379

■ 56.7864, 53.0481,
44.7830

■ 63.2011, 57.3706,
45.2792

■ 66.3581, 60.0377,
45.6276

Harmonies

Analogous

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



25.3282, 30.8290, 35.8495



26.1983, 30.8290, 42.1059



27.9153, 30.8290, 46.3746

Triad

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



26.1983, 30.8290, 42.1059



33.4864, 30.8290, 37.7674



28.5295, 30.8290, 22.9888

Complementary

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



26.1983, 30.8290, 42.1059



26.5508, 24.0428, 18.8647

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.



30.7340, 30.8290, 23.3664



26.1983, 30.8290, 42.1059



33.6712, 30.8290, 31.3846

Square

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



26.1983, 30.8290, 42.1059



32.1487, 30.8290, 43.6606



32.6417, 30.8290, 26.2693



26.6286, 30.8290, 25.1638

Rectangle

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



26.1983, 30.8290, 42.1059



29.3458, 30.8290, 47.2352



32.6417, 30.8290, 26.2693



29.2584, 30.8290, 22.8289

Sweetspot

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



26.1992, 30.8302, 42.1066



60.2474, 65.6479, 76.7210



24.5905, 33.3240, 23.9633



12.9358, 14.1609, 16.7037



80.6108, 84.8088, 92.3568



14.7206, 15.4872, 16.8656

Same Dimension

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



26.1992, 30.8302, 42.1066



43.4133, 52.2769, 75.0274



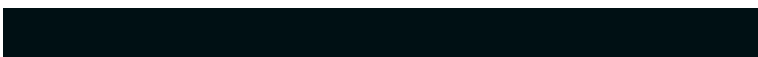
22.0526, 22.5370, 40.7244



7.6205, 8.2780, 9.6145



11.9167, 15.2936, 30.2994



0.3210, 0.4343, 0.7476

Inverse Universe

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



28.4396, 22.7146, 35.2346



48.1674, 35.7632, 60.2862



30.4530, 31.8470, 20.1654



7.7778, 7.6410, 9.1471



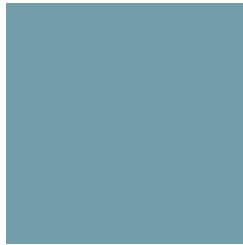
15.5156, 7.6150, 18.0586



0.3932, 0.1916, 0.5220

Previews

White Background



This preview shows how the XYZ color 26.1983, 30.8290, 42.1059 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 26.1983, 30.8290, 42.1059 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

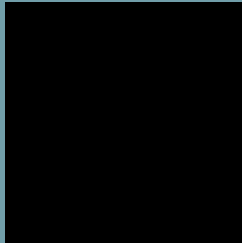
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 26.1983, 30.8290, 42.1059

Background



This preview shows how black text looks on a background with the XYZ color 26.1983, 30.8290, 42.1059.



This preview shows how white text looks on a background with the XYZ color 26.1983, 30.8290,

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

26.1983, 30.8290, 42.1059

Protanopia

29.7527, 30.5288, 38.9748

Deuteranopia

31.1471, 30.4666, 42.7671



Tritanopia

26.2926, 30.8667, 42.6023

Trichromacy



Original Color

26.1983, 30.8290, 42.1059

Protanomaly

28.1731, 30.4073, 39.9816

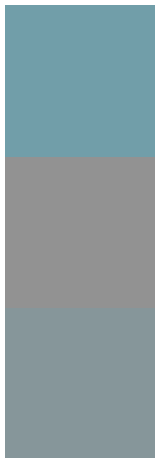
Deuteranomaly

28.9773, 30.2904, 42.3496

Tritanomaly

26.2926, 30.8667, 42.6023

Monochromacy



Original Color

26.1983, 30.8290, 42.1059

Achromatopsia

27.3213, 28.7441, 31.3023

Achromatomaly

26.5706, 29.2141, 34.8103

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.1983, 30.8290, 42.1059 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, 158, 169)` looks like.

```
.text, #text, p{  
    color:rgb(113, 158, 169)  
}
```

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, 158, 169) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(113, 158, 169) }
```

Border

The CSS property to change the border of an element to XYZ 26.1983, 30.8290, 42.1059 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, 158, 169) }
```


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

```
.border{ border-color:rgb(113, 158, 169) }
```

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

Here you see how a box with a 4 pixel `rgb(113, 158, 169)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(113, 158, 169); -webkit-box-  
shadow:4px 4px 4px 4px rgb(113, 158, 169);  
box-shadow:4px 4px 4px 4px rgb(113, 158,  
169) }
```

Background

The CSS property to change the background color of an element to XYZ 26.1983, 30.8290, 42.1059 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(113, 158, 169) }
```

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

```
.background{ background-color: rgb(113,  
158, 169) }
```

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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