

Converting Colors

XYZ(26.0370, 30.8012, 39.3173)

Have a look what the booklet for
XYZ(26.0370, 30.8012, 39.3173)
contains.

XYZ(26.0402, 30.8111, 39.2250)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(26.0402, 30.8111,
39.2250)**

Conversions

Conversions Part 1

Format	Color
Hex	749EA3
RGB	116, 158, 163
RGB Percent	45%, 62%, 64%
CMY	0.5451, 0.3804, 0.3608
CMYK	0.29, 0.03, 0.00, 0.36
HSL	186°, 20%, 55%
HSV	186°, 29%, 64%
XYZ	26.0402, 30.8111, 39.2250
YIQ	146.0120, -26.6370, -7.3490

Conversions

Conversions Part 2

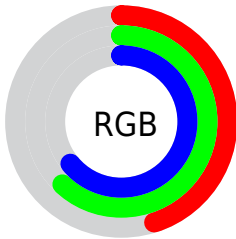
Format	Color
RYB	116, 138, 163
Decimal	7642787
CIELab	62.35, -12.96, -7.23
CIELCh	62, 14.842, 209.135
Yxy	30.8111, 0.2710, 0.3207
Android (android.graphics.Color)	4285832867 (0xFF749EA3)
YUV	146.0120, 8.3751, -26.3205
Hunter-Lab	55.5077, -13.3993, -3.0423

Details

The XYZ color **26.0402, 30.8111, 39.2250** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **25.0944, 22.7224, 19.5869**, and the grayscale version is **27.3019, 28.7237, 31.2801**.

A 20% lighter version of the original color is **52.8113, 61.0855, 75.3369**, and **10.3737, 12.8213, 16.9669** is the 20% darker color. If you saturate the color by 10%, you get **23.7674, 29.2043, 39.0352**, and if you desaturate by 10%, it is **28.6992, 32.6247, 39.4354**.

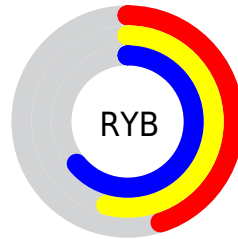
Distribution



Red (45%)

Green (62%)

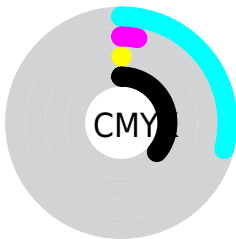
Blue (64%)



Red (45%)

Yellow (54%)

Blue (64%)

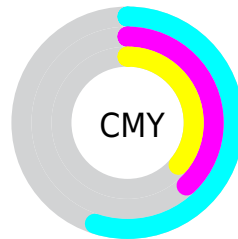


Cyan (29%)

Magenta (3%)

Yellow (0%)

Black (36%)



Cyan (55%)

Magenta (38%)

Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 26.0402, 30.8111, 39.2250 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 26.0402, 30.8111, 39.2250 by changing the saturation by 10% instead.

■ 26.0402, 30.8111,
39.2250

■ 26.0402, 30.8111,
39.2250

275.2324,
305.6671, 358.3006

■ 16.9866, 20.4550,
26.6256

■ 52.7706, 60.9425,
75.2060

■ 10.3202, 12.7263,
17.0623

■ 71.1781, 81.4867,
99.4248

■ 5.6756, 7.2403,
10.1165

■ 93.4343, 106.1957,
128.3538

■ 2.6876, 3.6128,
5.3697

119.9045,
135.4540, 162.4115

■ 0.9908, 1.4594,
2.4032

150.9540,
169.6458, 202.0165

■ 0.0000, 0.2599,
0.7882

186.9483,

■ 0.0000, 0.0000,

209.1557, 247.5873

0.0000

228.2526,
254.3680, 299.5425

■ 26.0402, 30.8111,
39.2250

■ 26.0402, 30.8111,
39.2250

■ 23.7674, 29.2043,
39.0352

■ 28.6992, 32.6247,
39.4354

■ 21.8581, 27.7904,
38.8629

■ 31.7601, 34.6509,
39.6652

■ 20.2917, 26.5593,
38.7078

■ 35.2411, 36.8999,
39.9158

■ 19.0441, 25.4987,
38.5689

■ 39.1583, 39.3801,
40.1881

■ 18.0880, 24.5945,
38.4447

■ 43.5271, 42.0994,
40.4827

■ 17.3919, 23.8304,
38.3339

■ 48.3622, 45.0653,
40.8004

■ 16.8935, 23.1742,
38.2335

■ 53.6775, 48.2852,
41.1417

■ 16.8386, 23.0997,
38.2220

■ 59.4864, 51.7658,
41.5074

■ 62.9105, 54.0235,
41.7627

Harmonies

Analogous

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



25.5915, 30.8111, 33.3814



26.0402, 30.8111, 39.2250



27.3485, 30.8111, 43.9634

Triad

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



26.0402, 30.8111, 39.2250



32.7260, 30.8111, 39.5469



29.3434, 30.8111, 23.6614

Complementary

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



26.0402, 30.8111, 39.2250



25.0944, 22.7224, 19.5869

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.



31.3109, 30.8111, 24.9231



26.0402, 30.8111, 39.2250



33.3179, 30.8111, 33.7153

Square

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



26.0402, 30.8111, 39.2250



31.2054, 30.8111, 44.1637



32.7888, 30.8111, 28.4471



27.4451, 30.8111, 24.7864

Rectangle

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



26.0402, 30.8111, 39.2250



28.5632, 30.8111, 45.6219



32.7888, 30.8111, 28.4471



30.0189, 30.8111, 23.8179

Sweetspot

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



26.0411, 30.8123, 39.2257



56.6844, 61.9289, 71.0220



23.7331, 31.2811, 22.7805



12.5499, 13.7903, 15.9379



78.6606, 82.7571, 90.1225



14.0027, 14.7319, 16.0430

Same Dimension

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



26.0411, 30.8123, 39.2257



43.7890, 53.1804, 70.0130



22.4501, 23.6302, 38.0287



7.2115, 7.8820, 9.0444



13.1063, 17.9920, 29.7118



0.2925, 0.4123, 0.6300

Inverse Universe

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



27.5220, 22.7467, 35.2892



46.9497, 36.3483, 61.5252



28.2608, 29.0553, 20.6424



7.3317, 7.1891, 8.7333



15.7609, 7.6604, 21.7295



0.3398, 0.1644, 0.5022

Previews

White Background



This preview shows how the XYZ color 26.0402, 30.8111, 39.2250 looks on a white background.

Color Contrast Check

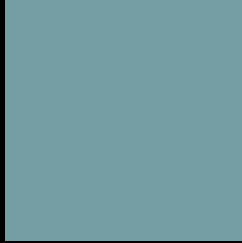
Large Text (above 18pt) WCAG AA × Fail

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 26.0402, 30.8111, 39.2250 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

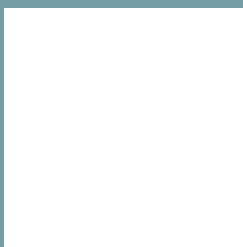
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 26.0402, 30.8111, 39.2250

Background



This preview shows how black text looks on a background with the XYZ color 26.0402, 30.8111, 39.2250.

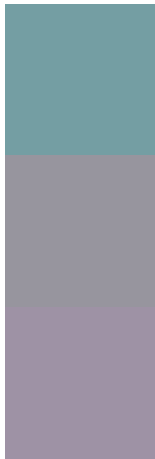


This preview shows how white text looks on a background with the XYZ color 26.0402, 30.8111,

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

26.0402, 30.8111, 39.2250

Protanopia

29.6815, 30.5428, 36.6787

Deuteranopia

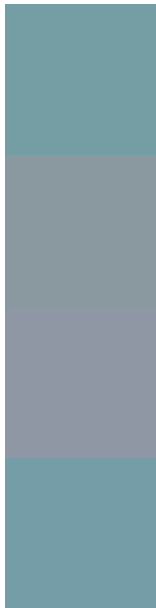
31.1710, 30.5435, 39.8499



Tritanopia

26.6488, 30.7981, 42.5703

Trichromacy



Original Color

26.0402, 30.8111, 39.2250

Protanomaly

28.0546, 30.3978, 37.6464

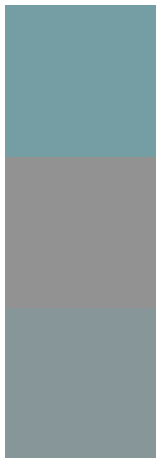
Deuteranomaly

28.9349, 30.3327, 39.4517

Tritanomaly

26.3681, 30.6859, 41.0924

Monochromacy



Original Color

26.0402, 30.8111, 39.2250

Achromatopsia

27.3213, 28.7441, 31.3023

Achromatomaly

26.5655, 29.2306, 33.9477

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.0402, 30.8111, 39.2250 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(116, 158, 163)` looks like.

```
.text, #text, p{  
    color:rgb(116, 158, 163)  
}
```

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(116, 158, 163) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(116, 158, 163) }
```

Border

The CSS property to change the border of an element to XYZ 26.0402, 30.8111, 39.2250 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(116, 158, 163) }
```


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

```
.border{ border-color:rgb(116, 158, 163) }
```

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

Here you see how a box with a 4 pixel `rgb(116, 158, 163)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(116, 158, 163); -webkit-box-  
shadow:4px 4px 4px 4px rgb(116, 158, 163);  
box-shadow:4px 4px 4px 4px rgb(116, 158,  
163) }
```

Background

The CSS property to change the background color of an element to XYZ 26.0402, 30.8111, 39.2250 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(116, 158, 163) }
```

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

```
.background{ background-color: rgb(116,  
158, 163) }
```

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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