

Converting Colors

XYZ(26.1394, 29.9324, 38.4547)

Have a look what the booklet for
XYZ(26.1394, 29.9324, 38.4547)
contains.

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Color

**XYZ(26.1032, 29.8574,
38.5697)**

Conversions

Conversions Part 1

Format	Color
Hex	7A9AA2
RGB	122, 154, 162
RGB Percent	48%, 60%, 64%
CMY	0.5216, 0.3961, 0.3647
CMYK	0.25, 0.05, 0.00, 0.36
HSL	192°, 18%, 56%
HSV	192°, 25%, 64%
XYZ	26.1032, 29.8574, 38.5697
YIQ	145.3440, -21.6400, -4.2960

Conversions

Conversions Part 2

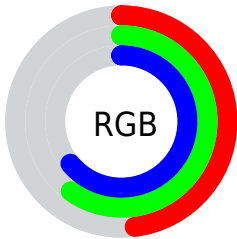
Format	Color
R_{YB}	122, 140, 162
Decimal	8034978
CIE _{Lab}	61.53, -9.18, -7.84
CIE _{LCh}	62, 12.072, 220.485
Yxy	29.8574, 0.2761, 0.3159
Android (android.graphics.Color)	4286225058 (0xFF7A9AA2)
YUV	145.3440, 8.2114, -20.4727
Hunter-Lab	54.6419, -10.3515, -3.6013

Details

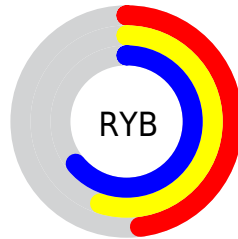
The XYZ color **26.1032, 29.8574, 38.5697** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **26.3961, 25.0519, 21.8572**, and the grayscale version is **27.0282, 28.4357, 30.9665**.

A 20% lighter version of the original color is **52.7595, 59.2355, 74.2985**, and **10.3372, 12.2040, 16.5626** is the 20% darker color. If you saturate the color by 10%, you get **23.4706, 27.7180, 38.2960**, and if you desaturate by 10%, it is **29.1344, 32.2252, 38.8675**.

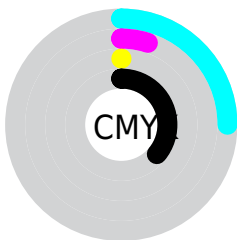
Distribution



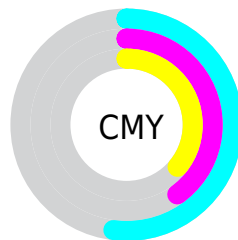
- Red (48%)
- Green (60%)
- Blue (64%)



- Red (48%)
- Yellow (55%)
- Blue (64%)



- Cyan (25%)
- Magenta (5%)
- Yellow (0%)
- Black (36%)



- Cyan (52%)
- Magenta (40%)
- Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 26.1032, 29.8574, 38.5697 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 26.1032, 29.8574, 38.5697 by changing the saturation by 10% instead.

■ 26.1032, 29.8574,
38.5697

■ 26.1032, 29.8574,
38.5697

275.5357,
301.2392, 355.4287

■ 17.0339, 19.7304,
26.1199

■ 52.8715, 59.4366,
74.1936

■ 10.3542, 12.1992,
16.6868

■ 71.3013, 79.6575,
98.2047

■ 5.6985, 6.8795,
9.8518

■ 93.5819, 104.0119,
126.9068

■ 2.7015, 3.3869,
5.1965

120.0788,
132.8842, 160.7182

■ 0.9980, 1.3369,
2.3023

151.1572,
166.6586, 200.0576

■ 0.0000, 0.1695,
0.7325

187.1826,

■ 0.0000, 0.0000,

205.7197, 245.3434

0.0000

228.5204,
250.4517, 296.9943

■ 26.1032, 29.8574,
38.5697

■ 26.1032, 29.8574,
38.5697

■ 23.4706, 27.7180,
38.2960

■ 29.1344, 32.2252,
38.8675

■ 21.2150, 25.7934,
38.0434

■ 32.5792, 34.8271,
39.1881

■ 19.3164, 24.0740,
37.8116

■ 36.4553, 37.6731,
39.5332

■ 17.7522, 22.5478,
37.5994

■ 40.7782, 40.7714,
39.9033

■ 16.4970, 21.2017,
37.4058

■ 45.5630, 44.1298,
40.2994

■ 15.5215, 20.0204,
37.2292

■ 50.8239, 47.7558,
40.7220

■ 14.7898, 18.9851,
37.0679

■ 56.5743, 51.6566,
41.1719

■ 14.4523, 18.4700,
36.9863

■ 62.8273, 55.8391,
41.6496

■ 64.7274, 57.8002,
41.9280

Harmonies

Analogous

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



25.4607, 29.8574, 34.1388



26.1032, 29.8574, 38.5697



27.3636, 29.8574, 41.5379

Triad

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



26.1032, 29.8574, 38.5697



31.3770, 29.8574, 35.5415



27.8226, 29.8574, 24.5954

Complementary

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



26.1032, 29.8574, 38.5697



26.3961, 25.0519, 21.8572

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.



29.4184, 29.8574, 24.8946



26.1032, 29.8574, 38.5697



31.5112, 29.8574, 30.9331

Square

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



26.1032, 29.8574, 38.5697



30.4224, 29.8574, 39.6791



30.7825, 29.8574, 27.1201



26.4284, 29.8574, 26.2604

Rectangle

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



26.1032, 29.8574, 38.5697



28.4046, 29.8574, 42.1361



30.7825, 29.8574, 27.1201



28.3526, 29.8574, 24.4738

Sweetspot

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



26.1041, 29.8586, 38.5704



57.5461, 62.0316, 70.9964



24.9316, 31.5726, 25.6659



12.8448, 13.8721, 15.9381



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.



26.1041, 29.8586, 38.5704



44.4932, 51.8719, 69.7234



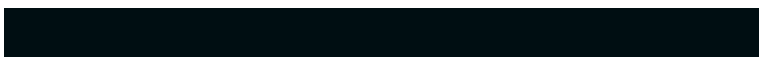
23.1657, 23.9819, 37.5909



7.1553, 7.7695, 9.0256



11.4164, 14.6122, 29.1485



0.2688, 0.3649, 0.6221

Inverse Universe

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



27.6933, 23.9342, 33.7334



47.9683, 39.2949, 59.0613



29.2139, 30.6876, 22.7965



7.3033, 7.1778, 8.5838



14.9079, 7.3192, 17.2377



0.3278, 0.1596, 0.4391

Previews

White Background



This preview shows how the XYZ color 26.1032, 29.8574, 38.5697 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 26.1032, 29.8574, 38.5697 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

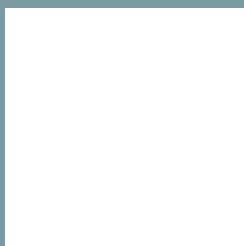
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 26.1032, 29.8574, 38.5697

Background



This preview shows how black text looks on a background with the XYZ color 26.1032, 29.8574, 38.5697.



This preview shows how white text looks on a background with the XYZ color 26.1032, 29.8574,

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

26.1032, 29.8574, 38.5697

Protanopia

28.8180, 29.6320, 36.5484

Deuteranopia

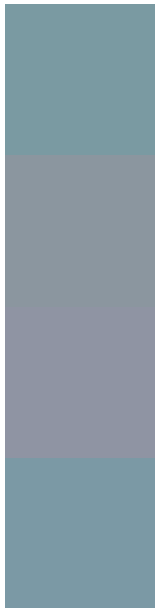
30.1917, 29.5954, 39.2432



Tritanopia

26.4425, 29.7466, 40.4244

Trichromacy



Original Color

26.1032, 29.8574, 38.5697

Protanomaly

27.8118, 29.8049, 37.0880

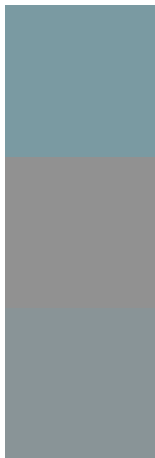
Deuteranomaly

28.5285, 29.6638, 38.8724

Tritanomaly

26.3511, 29.7100, 39.9431

Monochromacy



Original Color

26.1032, 29.8574, 38.5697

Achromatopsia

26.9133, 28.3149, 30.8349

Achromatomaly

26.4923, 28.7325, 33.4278

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.1032, 29.8574, 38.5697 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(122, 154, 162)` looks like.

```
.text, #text, p{  
    color:rgb(122, 154, 162)  
}
```

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(122, 154, 162) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(122, 154, 162) }
```

Border

The CSS property to change the border of an element to XYZ 26.1032, 29.8574, 38.5697 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(122, 154, 162) }
```


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

```
.border{ border-color:rgb(122, 154, 162) }
```

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

Here you see how a box with a 4 pixel `rgb(122, 154, 162)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(122, 154, 162); -webkit-box-  
shadow:4px 4px 4px 4px rgb(122, 154, 162);  
box-shadow:4px 4px 4px 4px rgb(122, 154,  
162) }
```

Background

The CSS property to change the background color of an element to XYZ 26.1032, 29.8574, 38.5697 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(122, 154, 162) }
```

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

```
.background{ background-color: rgb(122,  
154, 162) }
```

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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