

Converting Colors

XYZ(26.6956, 30.0286, 39.2755)

Have a look what the booklet for
XYZ(26.6956, 30.0286, 39.2755)
contains.

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Color

**XYZ(26.8606, 30.2272,
39.5407)**

Conversions

Conversions Part 1

Format	Color
Hex	7E9AA4
RGB	126, 154, 164
RGB Percent	49%, 60%, 64%
CMY	0.5059, 0.3961, 0.3569
CMYK	0.23, 0.06, 0.00, 0.36
HSL	196°, 17%, 57%
HSV	196°, 23%, 64%
XYZ	26.8606, 30.2272, 39.5407
YIQ	146.7680, -19.8980, -2.8260

Conversions

Conversions Part 2

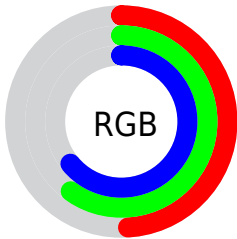
Format	Color
RYB	126, 142, 164
Decimal	8297124
CIELab	61.85, -7.44, -8.47
CIELCh	62, 11.272, 228.681
Yxy	30.2272, 0.2780, 0.3128
Android (android.graphics.Color)	4286487204 (0xFF7E9AA4)
YUV	146.7680, 8.4954, -18.2135
Hunter-Lab	54.9793, -9.0060, -4.1555

Details

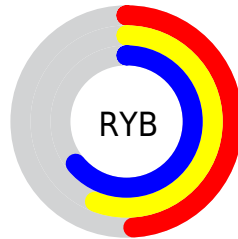
The XYZ color **26.8606, 30.2272, 39.5407** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **27.8801, 27.0071, 23.4826**, and the grayscale version is **27.6100, 29.0479, 31.6331**.

A 20% lighter version of the original color is **53.9325, 59.8099, 75.7198**, and **10.7554, 12.4068, 17.1571** is the 20% darker color. If you saturate the color by 10%, you get **23.9386, 27.6833, 39.2042**, and if you desaturate by 10%, it is **30.2065, 33.0292, 39.9057**.

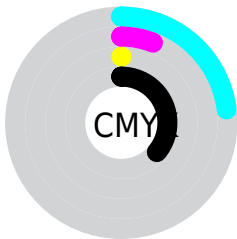
Distribution



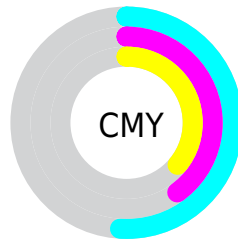
- Red (49%)
- Green (60%)
- Blue (64%)



- Red (49%)
- Yellow (56%)
- Blue (64%)



- Cyan (23%)
- Magenta (6%)
- Yellow (0%)
- Black (36%)



- Cyan (51%)
- Magenta (40%)
- Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 26.8606, 30.2272, 39.5407 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 26.8606, 30.2272, 39.5407 by changing the saturation by 10% instead.

■ 26.8606, 30.2272,
39.5407

■ 26.8606, 30.2272,
39.5407

279.1614,
302.9621, 359.6782

■ 17.6046, 20.0111,
26.8696

■ 54.0816, 60.0213,
75.6930

■ 10.7645, 12.4031,
17.2437

■ 72.7772, 80.3681,
100.0113

■ 5.9748, 7.0188,
10.2446

■ 95.3502, 104.8606,
129.0490

■ 2.8703, 3.4739,
5.4537

122.1658,
133.8831, 163.2247

■ 1.0855, 1.3839,
2.4525

153.5893,
167.8202, 202.9569

■ 0.0130, 0.2048,
0.8148

189.9862,

■ 0.0000, 0.0000,

207.0561, 248.6642

0.0000

231.7218,
251.9752, 300.7652

■ 26.8606, 30.2272,
39.5407

■ 26.8606, 30.2272,
39.5407

■ 23.9386, 27.6833,
39.2042

■ 30.2065, 33.0292,
39.9057

■ 21.4181, 25.3832,
38.8931

■ 33.9919, 36.0953,
40.2980

■ 19.2790, 23.3170,
38.6070

■ 38.2347, 39.4361,
40.7192

■ 17.4980, 21.4722,
38.3448

■ 42.9511, 43.0602,
41.1701

■ 16.0493, 19.8350,
38.1051

■ 48.1566, 46.9759,
41.6516

■ 14.9031, 18.3898,
37.8866

■ 53.8658, 51.1912,
42.1643

■ 14.0241, 17.1180,
37.6874

■ 60.0927, 55.7136,
42.7090

■ 13.5204, 16.3193,
37.5598

■ 66.0359, 60.1304,
43.2483

■ 66.9749, 62.0083,
43.5613

Harmonies

Analogous

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



26.0737, 30.2272, 35.6402



26.8606, 30.2272, 39.5407



28.1656, 30.2272, 41.7305

Triad

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



26.8606, 30.2272, 39.5407



31.6635, 30.2272, 34.5666



27.8126, 30.2272, 25.6658

Complementary

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



26.8606, 30.2272, 39.5407



27.8801, 27.0071, 23.4826

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.



29.3020, 30.2272, 25.4331



26.8606, 30.2272, 39.5407



31.5609, 30.2272, 30.3272

Square

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



26.8606, 30.2272, 39.5407



30.9598, 30.2272, 38.6959



30.6843, 30.2272, 27.0694



26.6100, 30.2272, 27.7357

Rectangle

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



26.8606, 30.2272, 39.5407



29.1693, 30.2272, 41.8081



30.6843, 30.2272, 27.0694



28.2953, 30.2272, 25.3773

Sweetspot

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



26.8615, 30.2284, 39.5414



58.8807, 63.2548, 72.8584



26.2886, 32.7505, 28.0431



12.7896, 13.7618, 15.9197



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.



26.8615, 30.2284, 39.5414



45.8226, 52.3379, 71.4394



24.0394, 24.5843, 38.6007



7.1177, 7.6944, 9.0131



10.4069, 12.5932, 28.8120



0.2539, 0.3350, 0.6171

Inverse Universe

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



28.6041, 25.1479, 33.9198



49.6242, 41.6081, 59.0963



30.7146, 32.6760, 24.4274



7.2844, 7.1702, 8.4840



14.3984, 7.1154, 14.5544



0.3203, 0.1566, 0.3993

Previews

White Background



This preview shows how the XYZ color 26.8606, 30.2272, 39.5407 looks on a white background.

Color Contrast Check

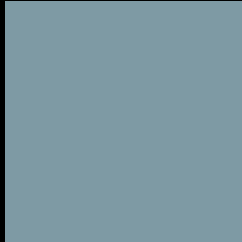
Large Text (above 18pt) WCAG AA × Fail

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 26.8606, 30.2272, 39.5407 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

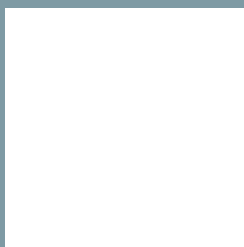
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 26.8606, 30.2272, 39.5407

Background



This preview shows how black text looks on a background with the XYZ color 26.8606, 30.2272, 39.5407.



This preview shows how white text looks on a background with the XYZ color 26.8606, 30.2272,

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

26.8606, 30.2272, 39.5407

Protanopia

29.1478, 30.0138, 37.5147

Deuteranopia

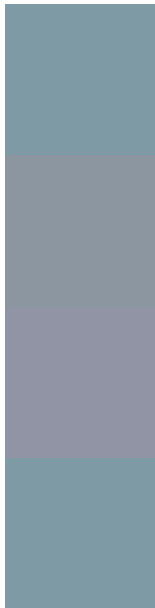
30.7186, 30.0719, 40.2618



Tritanopia

27.0427, 30.3000, 40.4996

Trichromacy



Original Color

26.8606, 30.2272, 39.5407

Protanomaly

28.1546, 29.9614, 38.0174

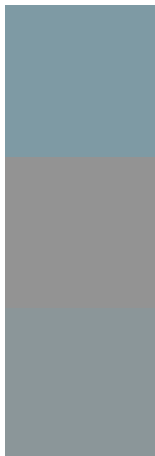
Deuteranomaly

29.0585, 29.9162, 39.8402

Tritanomaly

26.9513, 30.2634, 40.0183

Monochromacy



Original Color

26.8606, 30.2272, 39.5407

Achromatopsia

27.7328, 29.1771, 31.7738

Achromatomaly

27.3036, 29.6016, 34.4116

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.8606, 30.2272, 39.5407 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(126, 154, 164)` looks like.

```
.text, #text, p{  
    color:rgb(126, 154, 164)  
}
```

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(126, 154, 164) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(126, 154, 164) }
```

Border

The CSS property to change the border of an element to XYZ 26.8606, 30.2272, 39.5407 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(126, 154, 164) }
```


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

```
.border{ border-color:rgb(126, 154, 164) }
```

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

Here you see how a box with a 4 pixel `rgb(126, 154, 164)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(126, 154, 164); -webkit-box-  
shadow:4px 4px 4px 4px rgb(126, 154, 164);  
box-shadow:4px 4px 4px 4px rgb(126, 154,  
164) }
```

Background

The CSS property to change the background color of an element to XYZ 26.8606, 30.2272, 39.5407 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(126, 154, 164) }
```

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

```
.background{ background-color: rgb(126,  
154, 164) }
```

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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