

Converting Colors

XYZ(26.4180, 30.8761, 40.8323)

Have a look what the booklet for
XYZ(26.4180, 30.8761, 40.8323)
contains.

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Color

**XYZ(26.4459, 30.9888,
40.6640)**

Conversions

Conversions Part 1

Format	Color
Hex	759EA6
RGB	117, 158, 166
RGB Percent	46%, 62%, 65%
CMY	0.5412, 0.3804, 0.3490
CMYK	0.30, 0.05, 0.00, 0.35
HSL	190°, 22%, 55%
HSV	190°, 30%, 65%
XYZ	26.4459, 30.9888, 40.6640
YIQ	146.6530, -27.0040, -6.2040

Conversions

Conversions Part 2

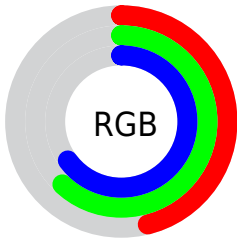
Format	Color
RYB	117, 139, 166
Decimal	7708326
CIELab	62.50, -11.93, -8.69
CIELCh	62, 14.761, 216.049
Yxy	30.9888, 0.2696, 0.3159
Android (android.graphics.Color)	4285898406 (0xFF759EA6)
YUV	146.6530, 9.5381, -26.0057
Hunter-Lab	55.6676, -12.6186, -4.3428

Details

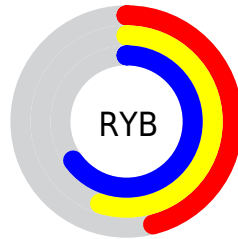
The XYZ color **26.4459, 30.9888, 40.6640** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **26.2708, 24.0588, 20.0895**, and the grayscale version is **27.5606, 28.9959, 31.5765**.

A 20% lighter version of the original color is **53.4230, 61.3550, 77.4336**, and **10.5417, 12.8885, 17.8517** is the 20% darker color. If you saturate the color by 10%, you get **23.9534, 29.0260, 40.4170**, and if you desaturate by 10%, it is **29.3460, 33.1784, 40.9343**.

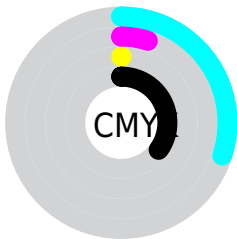
Distribution



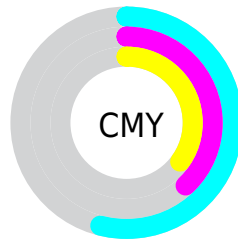
- Red (46%)
- Green (62%)
- Blue (65%)



- Red (46%)
- Yellow (55%)
- Blue (65%)



- Cyan (30%)
- Magenta (5%)
- Yellow (0%)
- Black (35%)



- Cyan (54%)
- Magenta (38%)
- Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 26.4459, 30.9888, 40.6640 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 26.4459, 30.9888, 40.6640 by changing the saturation by 10% instead.

■ 26.4459, 30.9888,
40.6640

■ 26.4459, 30.9888,
40.6640

277.1809,
306.4867, 364.5493

■ 17.2919, 20.5903,
27.7389

■ 53.4196, 61.2224,
77.4217

■ 10.5395, 12.8249,
17.8916

■ 71.9701, 81.8264,
102.0914

■ 5.8231, 7.3081,
10.7036

■ 94.3834, 106.6009,
131.5130

■ 2.7774, 3.6555,
5.7562

121.0250,
135.9305, 166.1051

■ 1.0372, 1.4828,
2.6310

152.2602,
170.1995, 206.2863

■ 0.0000, 0.2766,
0.9084

188.4543,

■ 0.0000, 0.0000,

209.7922, 252.4750

0.0000

229.9728,
255.0932, 305.0898

■ 26.4459, 30.9888,
40.6640

■ 26.4459, 30.9888,
40.6640

■ 23.9534, 29.0260,
40.4170

■ 29.3460, 33.1784,
40.9343

■ 21.8447, 27.2754,
40.1903

■ 32.6703, 35.6011,
41.2267

■ 20.0979, 25.7262,
39.9833

■ 36.4379, 38.2676,
41.5428

■ 18.6876, 24.3654,
39.7950

■ 40.6659, 41.1869,
41.8835

■ 17.5851, 23.1780,
39.6239

■ 45.3704, 44.3674,
42.2494

■ 16.7566, 22.1465,
39.4685

■ 50.5668, 47.8171,
42.6414

■ 16.1309, 21.2340,
39.3253

■ 56.2699, 51.5436,
43.0601

■ 16.1019, 21.1910,
39.3185

■ 62.4935, 55.5543,
43.5062

■ 64.9309, 57.6289,
43.7782

Harmonies

Analogous

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



25.7845, 30.9888, 34.9182



26.4459, 30.9888, 40.6640



27.9166, 30.9888, 44.8697

Triad

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



26.4459, 30.9888, 40.6640



33.1191, 30.9888, 38.4246



29.0496, 30.9888, 23.9108

Complementary

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



26.4459, 30.9888, 40.6640



26.2708, 24.0588, 20.0895

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.



31.0467, 30.9888, 24.6246



26.4459, 30.9888, 40.6640



33.4559, 30.9888, 32.5916

Square

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



26.4459, 30.9888, 40.6640



31.7811, 30.9888, 43.4776



32.6818, 30.9888, 27.6530



27.2432, 30.9888, 25.5796

Rectangle

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



26.4459, 30.9888, 40.6640



29.1891, 30.9888, 45.9969



32.6818, 30.9888, 27.6530



29.7204, 30.9888, 23.8828

Sweetspot

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



26.4468, 30.9900, 40.6647



59.5182, 64.7735, 74.8409



24.6332, 32.5191, 24.1642



13.1172, 14.3500, 16.7306



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.



26.4468, 30.9900, 40.6647



45.1375, 54.0101, 73.5213



22.7655, 23.6274, 39.4376



7.6418, 8.3205, 9.6216



12.5148, 16.4898, 30.4987



0.3314, 0.4550, 0.7510

Inverse Universe

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



28.2595, 23.2989, 35.3568



48.9925, 38.1073, 62.1311



29.6611, 30.8394, 21.2196



7.7885, 7.6453, 9.2036



15.8175, 7.7357, 19.6483



0.3984, 0.1936, 0.5496

Previews

White Background



This preview shows how the XYZ color 26.4459, 30.9888, 40.6640 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 26.4459, 30.9888, 40.6640 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

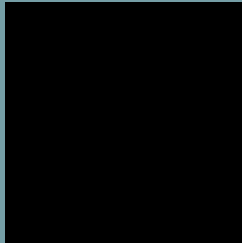
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 26.4459, 30.9888, 40.6640

Background



This preview shows how black text looks on a background with the XYZ color 26.4459, 30.9888, 40.6640.



This preview shows how white text looks on a background with the XYZ color 26.4459, 30.9888,

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

26.4459, 30.9888, 40.6640

Protanopia

29.9170, 30.8699, 38.0999

Deuteranopia

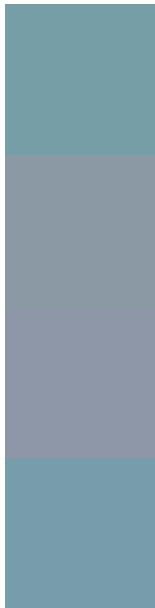
31.4062, 30.8627, 41.3476



Tritanopia

26.7839, 30.8678, 42.5766

Trichromacy



Original Color

26.4459, 30.9888, 40.6640

Protanomaly

28.4833, 30.8301, 39.0999

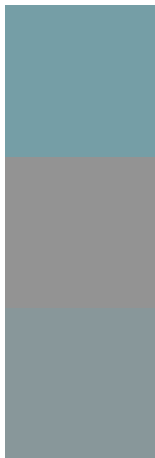
Deuteranomaly

29.1970, 30.6740, 40.9410

Tritanomaly

26.6896, 30.8301, 42.0802

Monochromacy



Original Color

26.4459, 30.9888, 40.6640

Achromatopsia

27.7328, 29.1771, 31.7738

Achromatomaly

27.0527, 29.7006, 34.8788

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.4459, 30.9888, 40.6640 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(117, 158, 166)` looks like.

```
.text, #text, p{  
    color:rgb(117, 158, 166)  
}
```

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(117, 158, 166) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(117, 158, 166) }
```

Border

The CSS property to change the border of an element to XYZ 26.4459, 30.9888, 40.6640 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(117, 158, 166) }
```


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

```
.border{ border-color:rgb(117, 158, 166) }
```

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

Here you see how a box with a 4 pixel rgb(117, 158, 166) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(117, 158, 166); -webkit-box-  
shadow:4px 4px 4px 4px rgb(117, 158, 166);  
box-shadow:4px 4px 4px 4px rgb(117, 158,  
166) }
```

Background

The CSS property to change the background color of an element to XYZ 26.4459, 30.9888, 40.6640 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(117, 158, 166) }
```

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

```
.background{ background-color: rgb(117,  
158, 166) }
```

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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