

Converting Colors

XYZ(26.9646, 30.5665, 37.7357)

Have a look what the booklet for
XYZ(26.9646, 30.5665, 37.7357)
contains.

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Color

**XYZ(26.9686, 30.5699,
37.7369)**

Conversions

Conversions Part 1

Format	Color
Hex	809BA0
RGB	128, 155, 160
RGB Percent	50%, 61%, 63%
CMY	0.4980, 0.3921, 0.3725
CMYK	0.20, 0.03, 0.00, 0.37
HSL	189°, 14%, 56%
HSV	189°, 20%, 63%
XYZ	26.9686, 30.5699, 37.7369
YIQ	147.4970, -17.6970, -4.1690

Conversions

Conversions Part 2

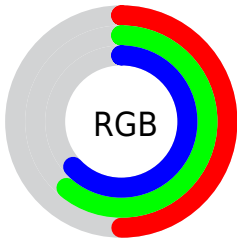
Format	Color
RYB	128, 143, 160
Decimal	8428448
CIELab	62.14, -8.27, -5.76
CIELCh	62, 10.073, 214.853
Yxy	30.5699, 0.2831, 0.3209
Android (android.graphics.Color)	4286618528 (0xFF809BA0)
YUV	147.4970, 6.1640, -17.0989
Hunter-Lab	55.2901, -9.6914, -1.7639

Details

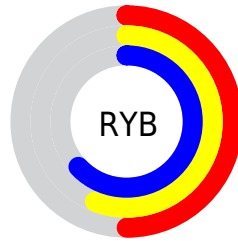
The XYZ color **26.9686, 30.5699, 37.7369** is a light color, and the websafe version is hex **669999**. A complement of this color would be **26.7814, 25.8073, 23.9925**, and the grayscale version is **27.9202, 29.3742, 31.9885**.

A 20% lighter version of the original color is **54.1223, 60.3310, 73.0825**, and **10.8525, 12.6245, 16.3328** is the 20% darker color. If you saturate the color by 10%, you get **24.3378, 28.6034, 37.4965**, and if you desaturate by 10%, it is **29.9893, 32.7518, 37.9993**.

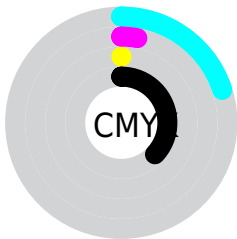
Distribution



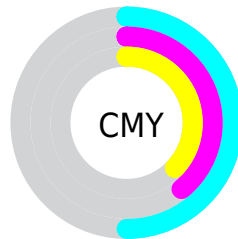
- Red (50%)
- Green (61%)
- Blue (63%)



- Red (50%)
- Yellow (56%)
- Blue (63%)



- Cyan (20%)
- Magenta (3%)
- Yellow (0%)
- Black (37%)



- Cyan (50%)
- Magenta (39%)
- Yellow (37%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 26.9686, 30.5699, 37.7369 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 26.9686, 30.5699, 37.7369 by changing the saturation by 10% instead.

■ 26.9686, 30.5699,
37.7369

■ 26.9686, 30.5699,
37.7369

279.6754,
304.5519, 351.7543

■ 17.6861, 20.2716,
25.4783

■ 54.2537, 60.5623,
72.9036

■ 10.8232, 12.5926,
16.2115

■ 72.9871, 81.0251,
96.6489

■ 6.0145, 7.1486,
9.5180

■ 95.6014, 105.6449,
125.0601

■ 2.8946, 3.5552,
4.9792

122.4621,
134.8060, 158.5557

■ 1.0983, 1.4280,
2.1765

153.9344,
168.8929, 197.5545

■ 0.0237, 0.2372,
0.6608

190.3839,

■ 0.0000, 0.0000,

208.2899, 242.4748

0.0000

232.1757,
253.3815, 293.7352

■ 26.9686, 30.5699,
37.7369

■ 26.9686, 30.5699,
37.7369

■ 24.3378, 28.6034,
37.4965

■ 29.9893, 32.7518,
37.9993

■ 22.0764, 26.8392,
37.2751

■ 33.4139, 35.1540,
38.2825

■ 20.1662, 25.2687,
37.0727

■ 37.2589, 37.7858,
38.5878

■ 18.5861, 23.8809,
36.8881

■ 41.5392, 40.6550,
38.9161

■ 17.3129, 22.6639,
36.7203

■ 46.2686, 43.7689,
39.2678

■ 16.3203, 21.6038,
36.5680

■ 51.4609, 47.1344,
39.6438

■ 15.5772, 20.6847,
36.4298

■ 57.1286, 50.7584,
40.0446

■ 15.0107, 19.8689,
36.3021

■ 62.9145, 54.4565,
40.4534

■ 15.0106, 19.8688,
36.3021

■ 63.4054, 55.4383,
40.6171

Harmonies

Analogous

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



26.5349, 30.5699, 33.9211



26.9686, 30.5699, 37.7369



27.9620, 30.5699, 40.5114

Triad

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



26.9686, 30.5699, 37.7369



31.4800, 30.5699, 36.5598



28.8358, 30.5699, 26.3868

Complementary

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



26.9686, 30.5699, 37.7369



26.7814, 25.8073, 23.9925

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.



30.1777, 30.5699, 26.9742



26.9686, 30.5699, 37.7369



31.7315, 30.5699, 32.6578

Square

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



26.9686, 30.5699, 37.7369



30.5711, 30.5699, 39.7956



31.2479, 30.5699, 29.1985



27.5913, 30.5699, 27.5270

Rectangle

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



26.9686, 30.5699, 37.7369



28.8225, 30.5699, 41.2887



31.2479, 30.5699, 29.1985



29.2903, 30.5699, 26.3896

Sweetspot

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



26.9695, 30.5712, 37.7376



56.7772, 61.1123, 69.1899



25.6933, 31.4193, 26.8289



12.3720, 13.3465, 15.1677



76.7382, 80.7346, 87.9200



13.3056, 13.9985, 15.2444

Same Dimension

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



26.9695, 30.5712, 37.7376



46.7501, 53.8661, 68.3197



24.5095, 25.6512, 36.9176



6.7336, 7.3329, 8.4672



11.7190, 15.5296, 28.2871



0.2312, 0.3209, 0.5130

Inverse Universe

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



28.1335, 25.2792, 34.4083



49.2799, 42.5667, 61.0387



29.1099, 30.4644, 24.7687



6.8596, 6.7368, 8.1118



14.7134, 7.1899, 18.5397



0.2740, 0.1329, 0.3890

Previews

White Background



This preview shows how the XYZ color 26.9686, 30.5699, 37.7369 looks on a white background.

Color Contrast Check

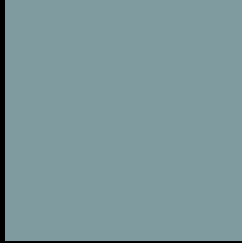
Large Text (above 18pt) WCAG AA × Fail

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 26.9686, 30.5699, 37.7369 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

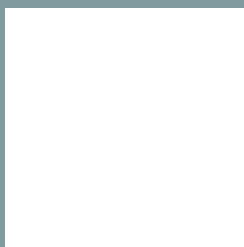
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 26.9686, 30.5699, 37.7369

Background



This preview shows how black text looks on a background with the XYZ color 26.9686, 30.5699, 37.7369.



This preview shows how white text looks on a background with the XYZ color 26.9686, 30.5699,

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

26.9686, 30.5699, 37.7369

Protanopia

29.5107, 30.4745, 35.7793

Deuteranopia

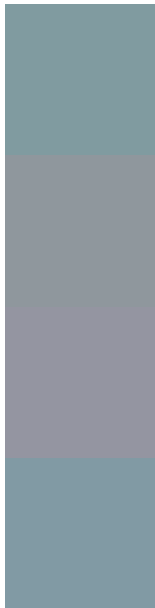
31.0985, 30.5373, 38.4376



Tritanopia

27.4918, 30.5315, 40.5206

Trichromacy



Original Color

26.9686, 30.5699, 37.7369

Protanomaly

28.4801, 30.4072, 36.2664

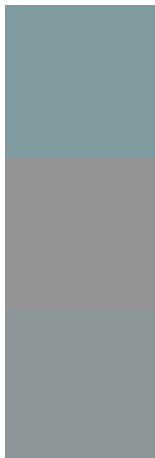
Deuteranomaly

29.3932, 30.3640, 38.0299

Tritanomaly

27.3097, 30.4587, 39.5617

Monochromacy



Original Color

26.9686, 30.5699, 37.7369

Achromatopsia

27.7328, 29.1771, 31.7738

Achromatomaly

27.3891, 29.6551, 33.9862

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.9686, 30.5699, 37.7369 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(128, 155, 160)` looks like.

```
.text, #text, p{  
    color:rgb(128, 155, 160)  
}
```

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(128, 155, 160) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(128, 155, 160) }
```

Border

The CSS property to change the border of an element to XYZ 26.9686, 30.5699, 37.7369 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(128, 155, 160) }
```


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

```
.border{ border-color:rgb(128, 155, 160) }
```

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

Here you see how a box with a 4 pixel `rgb(128, 155, 160)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(128, 155, 160); -webkit-box-  
shadow:4px 4px 4px 4px rgb(128, 155, 160);  
box-shadow:4px 4px 4px 4px rgb(128, 155,  
160) }
```

Background

The CSS property to change the background color of an element to XYZ 26.9686, 30.5699, 37.7369 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(128, 155, 160) }
```

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

```
.background{ background-color: rgb(128,  
155, 160) }
```

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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