

Converting Colors

XYZ(27.3311, 29.7748, 38.0248)

Have a look what the booklet for
XYZ(27.3311, 29.7748, 38.0248)
contains.

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Color

**XYZ(27.3311, 29.7748,
38.0248)**

Conversions

Conversions Part 1

Format	Color
Hex	8697A1
RGB	134, 151, 161
RGB Percent	53%, 59%, 63%
CMY	0.4745, 0.4078, 0.3686
CMYK	0.17, 0.06, 0.00, 0.37
HSL	202°, 13%, 58%
HSV	202°, 17%, 63%
XYZ	27.3311, 29.7748, 38.0248
YIQ	147.0570, -13.3420, -0.4940

Conversions

Conversions Part 2

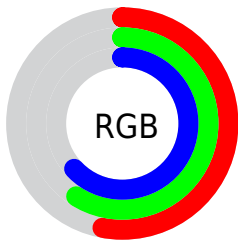
Format	Color
RYB	134, 144, 161
Decimal	8820641
CIELab	61.46, -3.85, -7.29
CIELCh	61, 8.248, 242.135
Yxy	29.7748, 0.2873, 0.3130
Android (android.graphics.Color)	4287010721 (0xFF8697A1)
YUV	147.0570, 6.8739, -11.4510
Hunter-Lab	54.5663, -6.0841, -3.1201

Details

The XYZ color **27.3311, 29.7748, 38.0248** is a light color, and the websafe version is hex **999999**. A complement of this color would be **28.9743, 29.2445, 26.6723**, and the grayscale version is **27.7338, 29.1782, 31.7750**.

A 20% lighter version of the original color is **54.7195, 59.1853, 73.5056**, and **11.0278, 12.1249, 16.5110** is the 20% darker color. If you saturate the color by 10%, you get **24.0227, 26.6815, 37.6026**, and if you desaturate by 10%, it is **31.0805, 33.1690, 38.4828**.

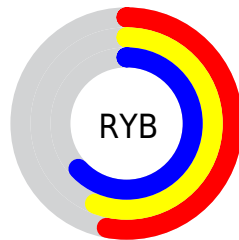
Distribution



Red (53%)

Green (59%)

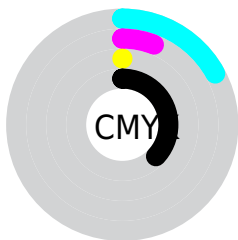
Blue (63%)



Red (53%)

Yellow (56%)

Blue (63%)

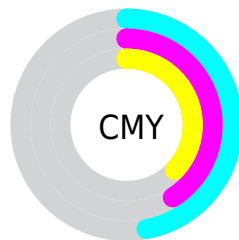


Cyan (17%)

Magenta (6%)

Yellow (0%)

Black (37%)



Cyan (47%)

Magenta (41%)

Yellow (37%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 27.3311, 29.7748, 38.0248 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 27.3311, 29.7748, 38.0248 by changing the saturation by 10% instead.

■ 27.3311, 29.7748,
38.0248

■ 27.3311, 29.7748,
38.0248

281.3951,
300.8533, 353.0277

■ 17.9599, 19.6677,
25.7000

■ 54.8309, 59.3059,
73.3500

■ 11.0207, 12.1537,
16.3756

■ 73.6902, 79.4986,
97.1874

■ 6.1482, 6.8485,
9.6331

■ 96.4429, 103.8221,
125.6995

■ 2.9769, 3.3675,
5.0540

123.4544,
132.6606, 159.3047

■ 1.1416, 1.3265,
2.2197

155.0900,
166.3986, 198.4215

■ 0.0595, 0.1616,
0.6857

191.7150,

■ 0.0000, 0.0000,

205.4204, 243.4686

0.0000

233.6950,
250.1106, 294.8645

■ 27.3311, 29.7748,
38.0248

■ 27.3311, 29.7748,
38.0248

■ 24.0227, 26.6815,
37.6026

■ 31.0805, 33.1690,
38.4828

■ 21.1344, 23.8750,
37.2131

■ 35.2854, 36.8703,
38.9756

■ 18.6472, 21.3452,
36.8559

■ 39.9629, 40.8893,
39.5048

■ 16.5399, 19.0800,
36.5297

■ 45.1285, 45.2350,
40.0714

■ 14.7890, 17.0662,
36.2333

■ 50.7968, 49.9159,
40.6761

■ 13.3680, 15.2891,
35.9652

■ 56.9818, 54.9401,
41.3199

■ 12.2466, 13.7316,
35.7237

■ 63.6970, 60.3156,
42.0036

■ 11.3795, 12.3694,
35.5064

■ 68.0265, 64.5401,
42.5908

■ 11.1244, 11.9558,
35.4400

■ 69.4224, 67.3319,
43.0561

Harmonies

Analogous

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



26.5610, 29.7748, 35.7207



27.3311, 29.7748, 38.0248



28.3783, 29.7748, 38.7999

Triad

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



27.3311, 29.7748, 38.0248



30.4480, 29.7748, 32.1964



27.1991, 29.7748, 27.5949

Complementary

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



27.3311, 29.7748, 38.0248



28.9743, 29.2445, 26.6723

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.



28.2220, 29.7748, 26.7803



27.3311, 29.7748, 38.0248



30.1134, 29.7748, 29.3286

Square

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



27.3311, 29.7748, 38.0248



30.1949, 29.7748, 35.3088



29.2916, 29.7748, 27.3944



26.4862, 29.7748, 29.6926

Rectangle

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



27.3311, 29.7748, 38.0248



29.0977, 29.7748, 38.3077



29.2916, 29.7748, 27.3944



27.5172, 29.7748, 27.1682

Sweetspot

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



27.3320, 29.7760, 38.0255



56.8662, 60.4742, 69.0620



27.6032, 32.5691, 31.1775



12.3674, 13.1703, 15.1339



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.



27.3320, 29.7760, 38.0255



46.7228, 51.2669, 67.8195



25.2961, 25.7044, 37.3469



7.0546, 7.5682, 8.9921



8.9245, 9.6283, 28.3179



0.2304, 0.2881, 0.6093

Inverse Universe

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



28.8096, 26.8621, 32.9462



49.8873, 45.1878, 56.9053



31.1262, 33.5483, 27.3896



7.2525, 7.1575, 8.3162



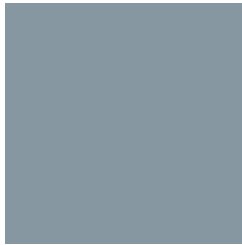
13.6501, 6.8161, 10.6141



0.3085, 0.1519, 0.3370

Previews

White Background



This preview shows how the XYZ color 27.3311, 29.7748, 38.0248 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 27.3311, 29.7748, 38.0248 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

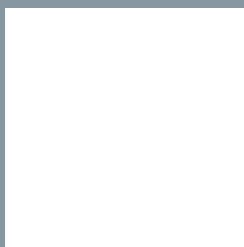
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 27.3311, 29.7748, 38.0248

Background



This preview shows how black text looks on a background with the XYZ color 27.3311, 29.7748, 38.0248.



This preview shows how white text looks on a background with the XYZ color 27.3311, 29.7748,

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

27.3311, 29.7748, 38.0248

Protanopia

28.9045, 29.6665, 37.0037

Deuteranopia

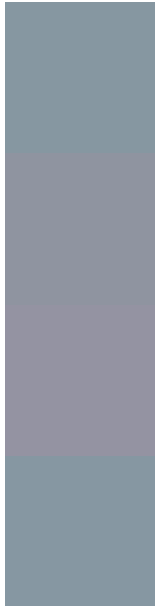
30.2051, 29.6231, 38.3083



Tritanopia

27.5090, 29.8459, 38.9613

Trichromacy



Original Color

27.3311, 29.7748, 38.0248

Protanomaly

28.2628, 29.5575, 37.4733

Deuteranomaly

29.1680, 29.7720, 38.3917

Tritanomaly

27.4197, 29.8102, 38.4912

Monochromacy



Original Color

27.3311, 29.7748, 38.0248

Achromatopsia

27.7328, 29.1771, 31.7738

Achromatomaly

27.4127, 29.1976, 33.8967

CSS Examples

Text

The CSS property to change the color of the text to XYZ 27.3311, 29.7748, 38.0248 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(134, 151, 161)` looks like.

```
.text, #text, p{  
    color:rgb(134, 151, 161)  
}
```

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(134, 151, 161) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(134, 151, 161) }
```

Border

The CSS property to change the border of an element to XYZ 27.3311, 29.7748, 38.0248 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(134, 151, 161) }
```


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

```
.border{ border-color:rgb(134, 151, 161) }
```

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

Here you see how a box with a 4 pixel `rgb(134, 151, 161)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(134, 151, 161); -webkit-box-  
shadow:4px 4px 4px 4px rgb(134, 151, 161);  
box-shadow:4px 4px 4px 4px rgb(134, 151,  
161) }
```

Background

The CSS property to change the background color of an element to XYZ 27.3311, 29.7748, 38.0248 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(134, 151, 161) }
```

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

```
.background{ background-color: rgb(134,  
151, 161) }
```

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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