

Converting Colors

XYZ(27.7451, 30.3354, 30.7408)

Have a look what the booklet for
XYZ(27.7451, 30.3354, 30.7408)
contains.

XYZ(27.7639, 30.3994, 30.7899)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(27.7639, 30.3994,
30.7899)**

Conversions

Conversions Part 1

Format	Color
Hex	909890
RGB	144, 152, 144
RGB Percent	56%, 60%, 56%
CMY	0.4353, 0.4039, 0.4353
CMYK	0.05, 0.00, 0.05, 0.40
HSL	120°, 4%, 58%
HSV	120°, 5%, 60%
XYZ	27.7639, 30.3994, 30.7899
YIQ	148.6960, -2.2000, -4.1840

Conversions

Conversions Part 2

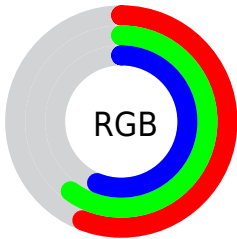
Format	Color
RYB	144, 152, 152
Decimal	9476240
CIELab	62.00, -4.44, 3.20
CIELCh	62, 5.476, 144.188
Yxy	30.3994, 0.3121, 0.3417
Android (android.graphics.Color)	4287666320 (0xFF909890)
YUV	148.6960, -2.3151, -4.1184
Hunter-Lab	55.1357, -6.6026, 5.4851

Details

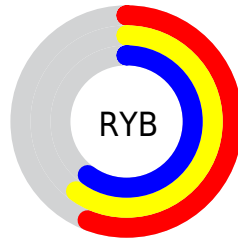
The XYZ color **27.7639, 30.3994, 30.7899** is a light color, and the websafe version is hex **999999**. A complement of this color would be **28.5908, 28.8897, 33.7767**, and the grayscale version is **28.4502, 29.9318, 32.5957**.

A 20% lighter version of the original color is **55.5531, 60.2256, 62.1228**, and **11.2902, 12.4952, 12.4064** is the 20% darker color. If you saturate the color by 10%, you get **24.2011, 28.6889, 24.9615**, and if you desaturate by 10%, it is **31.8424, 32.3594, 37.4603**.

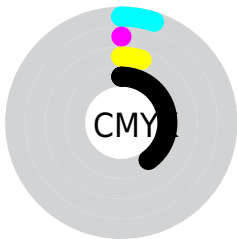
Distribution



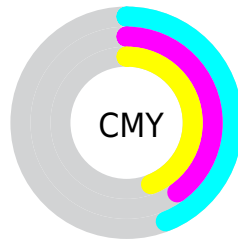
- Red (56%)
- Green (60%)
- Blue (56%)



- Red (56%)
- Yellow (60%)
- Blue (60%)



- Cyan (5%)
- Magenta (0%)
- Yellow (5%)
- Black (40%)



- Cyan (44%)
- Magenta (40%)
- Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 27.7639, 30.3994, 30.7899 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 27.7639, 30.3994, 30.7899 by changing the saturation by 10% instead.

■ 27.7639, 30.3994,
30.7899

■ 27.7639, 30.3994,
30.7899

283.4376,
303.7617, 319.8904

■ 18.2873, 20.1419,
20.1818

■ 55.5186, 60.2932,
61.9848

■ 11.2574, 12.4983,
12.3419

■ 74.5273, 80.6984,
83.4087

■ 6.3088, 7.0840,
6.8516

97.4442, 105.2549,
109.2750

■ 3.0762, 3.5147,
3.2924

124.6345,
134.3472, 140.0021

■ 1.1942, 1.4060,
1.2458

156.4637,
168.3596, 176.0087

■ 0.1018, 0.2211,
0.0168

193.2970,

■ 0.0000, 0.0000,

207.6766, 217.7132

0.0000

235.4999,
252.6825, 265.5343

■ 27.7639, 30.3994,
30.7899

■ 27.7639, 30.3994,
30.7899

■ 24.2011, 28.6889,
24.9615

■ 31.8424, 32.3594,
37.4603

■ 21.1309, 27.2142,
19.9397

■ 36.4533, 34.5742,
45.0023

■ 18.5327, 25.9661,
15.6897

■ 41.6156, 37.0540,
53.4463

■ 16.3828, 24.9334,
12.1733

■ 47.3468, 39.8070,
62.8208

■ 14.6560, 24.1039,
9.3488

■ 53.6636, 42.8412,
73.1529

■ 13.3245, 23.4643,
7.1708

■ 60.5817, 46.1644,
84.4689

■ 12.3568, 22.9995,
5.5880

■ 68.1167, 49.7838,
96.7937

■ 11.7172, 22.6923,
4.5418

■ 70.5188, 50.9377,
100.7229

■ 11.3584, 22.5199,
3.9548

Harmonies

Analogous

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



28.3191, 30.3994, 29.5468



27.7639, 30.3994, 30.7899



27.5118, 30.3994, 32.6920

Triad

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



27.7639, 30.3994, 30.7899



28.7510, 30.3994, 37.2874



30.2008, 30.3994, 31.4706

Complementary

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



27.7639, 30.3994, 30.7899



28.5908, 28.8897, 33.7767

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.



30.3211, 30.3994, 33.5109



27.7639, 30.3994, 30.7899



29.4760, 30.3994, 36.9267

Square

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



27.7639, 30.3994, 30.7899



28.0755, 30.3994, 36.4881



30.0538, 30.3994, 35.5224



29.7277, 30.3994, 29.9280

Rectangle

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



27.7639, 30.3994, 30.7899



27.5465, 30.3994, 34.1007



30.0538, 30.3994, 35.5224



30.2842, 30.3994, 32.1186

Sweetspot

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



27.7647, 30.4007, 30.7906



51.2258, 54.7243, 57.9782



29.2125, 31.1471, 30.8583



11.6629, 12.4477, 13.2102



72.9764, 76.7769, 83.6100



11.9732, 12.5967, 13.7178

Same Dimension

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



27.7647, 30.4007, 30.7906



48.4342, 53.3833, 53.4120



28.0761, 30.5252, 32.4302



6.3702, 7.0399, 7.0088



9.4147, 18.8293, 3.1382



0.1407, 0.2815, 0.0469

Inverse Universe

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



28.5908, 28.8897, 33.7767



50.1187, 50.3021, 59.5014



28.2685, 28.7608, 32.0794



6.6048, 6.6108, 7.8569



15.6095, 7.4980, 25.5322



0.2334, 0.1121, 0.3817

Previews

White Background



This preview shows how the XYZ color 27.7639, 30.3994, 30.7899 looks on a white background.

Color Contrast Check

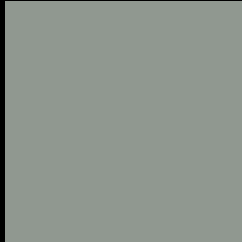
Large Text (above 18pt) WCAG AA × Fail

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 27.7639, 30.3994, 30.7899 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

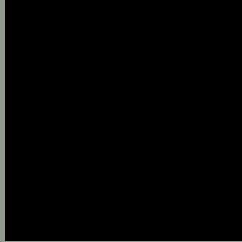
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

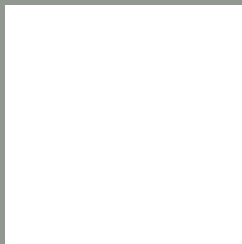
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 27.7639, 30.3994, 30.7899

Background



This preview shows how black text looks on a background with the XYZ color 27.7639, 30.3994, 30.7899.



This preview shows how white text looks on a background with the XYZ color 27.7639, 30.3994,

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

27.7639, 30.3994, 30.7899

Protanopia

28.9564, 30.3179, 29.9170

Deuteranopia

30.9621, 30.4021, 31.0244



Tritanopia

29.2131, 30.2711, 38.0214

Trichromacy



Original Color

27.7639, 30.3994, 30.7899

Protanomaly

28.4419, 30.2799, 30.3322

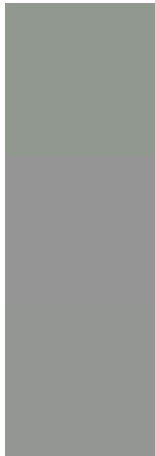
Deuteranomaly

29.8013, 30.4932, 31.1032

Tritanomaly

28.6768, 30.2902, 35.3455

Monochromacy



Original Color

27.7639, 30.3994, 30.7899

Achromatopsia

28.5667, 30.0544, 32.7292

Achromatomaly

28.2054, 30.1223, 31.9314

CSS Examples

Text

The CSS property to change the color of the text to XYZ 27.7639, 30.3994, 30.7899 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(144, 152, 144)` looks like.

```
.text, #text, p{  
    color:rgb(144, 152, 144)  
}
```

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(144, 152, 144) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(144, 152, 144) }
```

Border

The CSS property to change the border of an element to XYZ 27.7639, 30.3994, 30.7899 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(144, 152, 144) }
```


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

```
.border{ border-color:rgb(144, 152, 144) }
```

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

Here you see how a box with a 4 pixel `rgb(144, 152, 144)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(144, 152, 144); -webkit-box-  
shadow:4px 4px 4px 4px rgb(144, 152, 144);  
box-shadow:4px 4px 4px 4px rgb(144, 152,  
144) }
```

Background

The CSS property to change the background color of an element to XYZ 27.7639, 30.3994, 30.7899 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(144, 152, 144) }
```

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

```
.background{ background-color: rgb(144,  
152, 144) }
```

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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