

Converting Colors

XYZ(27.6455, 30.9469, 29.5310)

Have a look what the booklet for
XYZ(27.6455, 30.9469, 29.5310)
contains.

XYZ(27.6910, 30.8739, 29.6991)	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(27.6910, 30.8739,
29.6991)**

Conversions

Conversions Part 1

Format	Color
Hex	8F9A8D
RGB	143, 154, 141
RGB Percent	56%, 60%, 55%
CMY	0.4392, 0.3961, 0.4471
CMYK	0.07, 0.00, 0.08, 0.40
HSL	111°, 6%, 58%
HSV	111°, 8%, 60%
XYZ	27.6910, 30.8739, 29.6991
YIQ	149.2290, -2.3830, -6.3750

Conversions

Conversions Part 2

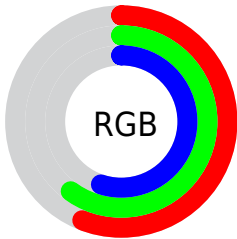
Format	Color
RYB	141, 154, 152
Decimal	9411213
CIELab	62.40, -6.47, 5.47
CIELCh	62, 8.473, 139.798
Yxy	30.8739, 0.3137, 0.3498
Android (android.graphics.Color)	4287601293 (0xFF8F9A8D)
YUV	149.2290, -4.0569, -5.4628
Hunter-Lab	55.5643, -8.2803, 7.2045

Details

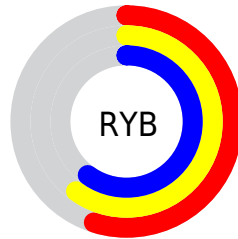
The XYZ color **27.6910, 30.8739, 29.6991** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **28.3077, 28.0591, 34.4974**, and the grayscale version is **28.6814, 30.1751, 32.8607**.

A 20% lighter version of the original color is **55.4322, 60.9222, 60.4673**, and **11.2528, 12.7830, 11.7718** is the 20% darker color. If you saturate the color by 10%, you get **24.4976, 29.3518, 23.9782**, and if you desaturate by 10%, it is **31.3077, 32.5975, 36.2729**.

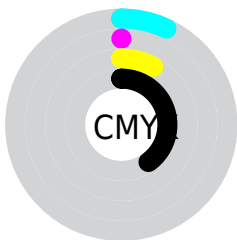
Distribution



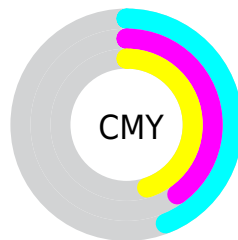
- Red (56%)
- Green (60%)
- Blue (55%)



- Red (55%)
- Yellow (60%)
- Blue (60%)



- Cyan (7%)
- Magenta (0%)
- Yellow (8%)
- Black (40%)



- Cyan (44%)
- Magenta (40%)
- Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 27.6910, 30.8739, 29.6991 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 27.6910, 30.8739, 29.6991 by changing the saturation by 10% instead.

■ 27.6910, 30.8739,
29.6991

■ 27.6910, 30.8739,
29.6991

283.0944,
305.9570, 314.6629

■ 18.2321, 20.5028,
19.3602

■ 55.4028, 61.0415,
60.2414

■ 11.2175, 12.7611,
11.7514

■ 74.3865, 81.6068,
81.2818

■ 6.2817, 7.2642,
6.4542

■ 97.2758, 106.3390,
106.7265

■ 3.0594, 3.6279,
3.0499

124.4361,
135.6225, 136.9940

■ 1.1852, 1.4677,
1.1202

156.2328,
169.8416, 172.5029

■ 0.0947, 0.2658,
0.0000

193.0311,

■ 0.0000, 0.0000,

209.3808, 213.6716

0.0000

235.1965,
254.6245, 260.9188

■ 27.6910, 30.8739,
29.6991

■ 27.6910, 30.8739,
29.6991

■ 24.4976, 29.3518,
23.9782

■ 31.3077, 32.5975,
36.2729

■ 21.7093, 28.0201,
19.0734

■ 35.3596, 34.5255,
43.7305

■ 19.3106, 26.8724,
14.9480

■ 39.8617, 36.6657,
52.1036

■ 17.2840, 25.9005,
11.5620

■ 44.8272, 39.0244,
61.4218

■ 15.6105, 25.0956,
8.8716

■ 50.2689, 41.6076,
71.7133

■ 14.2696, 24.4481,
6.8284

■ 56.1991, 44.4209,
83.0053

■ 13.2383, 23.9475,
5.3781

■ 62.6297, 47.4700,
95.3238

■ 12.4909, 23.5818,
4.4571

■ 68.0542, 50.1530,
100.7014

■ 11.9881, 23.3335,
3.9408

■ 70.8462, 51.5924,
100.8321

Harmonies

Analogous

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



28.6034, 30.8739, 28.0128



27.6910, 30.8739, 29.6991



27.2256, 30.8739, 32.5093

Triad

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



27.6910, 30.8739, 29.6991



28.9555, 30.8739, 40.2293



31.4708, 30.8739, 31.5205

Complementary

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



27.6910, 30.8739, 29.6991



28.3077, 28.0591, 34.4974

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.



31.5710, 30.8739, 34.7485



27.6910, 30.8739, 29.6991



30.0987, 30.8739, 39.9216

Square

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



27.6910, 30.8739, 29.6991



27.9430, 30.8739, 38.6792



31.0630, 30.8739, 37.8639



30.7926, 30.8739, 29.0159

Rectangle

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



27.6910, 30.8739, 29.6991



27.2230, 30.8739, 34.7037



31.0630, 30.8739, 37.8639



31.5739, 30.8739, 32.5521

Sweetspot

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



27.6919, 30.8752, 29.6998



53.7405, 57.7228, 60.1803



29.3366, 31.1969, 29.6752



12.0485, 13.0103, 13.4117



74.8435, 78.7412, 85.7492



12.6291, 13.2868, 14.4694

Same Dimension

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



27.6919, 30.8752, 29.6998



49.2274, 55.5724, 52.0123



27.6776, 30.8299, 31.4158



6.2163, 6.9689, 6.6234



9.7361, 18.9950, 3.1533



0.1653, 0.2942, 0.0481

Inverse Universe

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



28.3077, 28.0591, 34.4974



50.5631, 49.4638, 62.4188



28.3306, 28.1119, 32.6477



6.3679, 6.2755, 7.8046



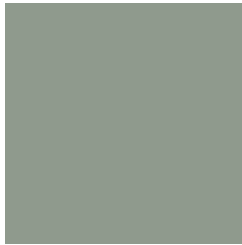
12.3160, 5.8002, 25.3781



0.2063, 0.0981, 0.3804

Previews

White Background



This preview shows how the XYZ color 27.6910, 30.8739, 29.6991 looks on a white background.

Color Contrast Check

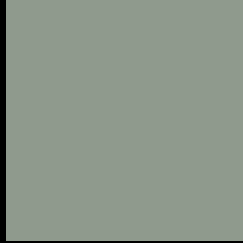
Large Text (above 18pt) WCAG AA × Fail

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 27.6910, 30.8739, 29.6991 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

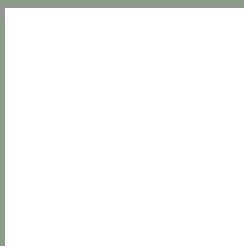
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 27.6910, 30.8739, 29.6991

Background



This preview shows how black text looks on a background with the XYZ color 27.6910, 30.8739, 29.6991.



This preview shows how white text looks on a background with the XYZ color 27.6910, 30.8739,

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

27.6910, 30.8739, 29.6991

Protanopia

29.2768, 30.7447, 28.8174

Deuteranopia

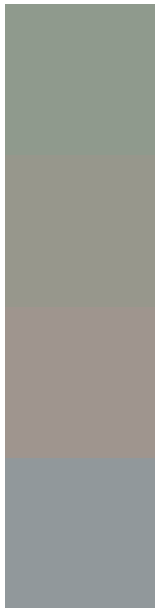
31.3853, 30.8658, 30.2901



Tritanopia

29.5315, 30.8886, 39.0559

Trichromacy



Original Color

27.6910, 30.8739, 29.6991

Protanomaly

28.5627, 30.6060, 29.2131

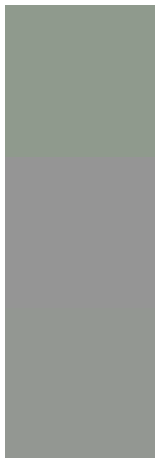
Deuteranomaly

29.9280, 30.8188, 29.9624

Tritanomaly

28.8217, 30.8428, 35.4445

Monochromacy



Original Color

27.6910, 30.8739, 29.6991

Achromatopsia

28.5667, 30.0544, 32.7292

Achromatomaly

28.2875, 30.4116, 31.5732

CSS Examples

Text

The CSS property to change the color of the text to XYZ 27.6910, 30.8739, 29.6991 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(143, 154, 141) looks like.

```
.text, #text, p{  
    color:rgb(143, 154, 141)  
}
```

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(143, 154, 141) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(143, 154, 141) }
```

Border

The CSS property to change the border of an element to XYZ 27.6910, 30.8739, 29.6991 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(143, 154, 141) }
```


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

```
.border{ border-color:rgb(143, 154, 141) }
```

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

Here you see how a box with a 4 pixel `rgb(143, 154, 141)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(143, 154, 141); -webkit-box-  
shadow:4px 4px 4px 4px rgb(143, 154, 141);  
box-shadow:4px 4px 4px 4px rgb(143, 154,  
141) }
```

Background

The CSS property to change the background color of an element to XYZ 27.6910, 30.8739, 29.6991 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(143, 154, 141) }
```

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

```
.background{ background-color: rgb(143,  
154, 141) }
```

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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