

Converting Colors

XYZ(27.8951, 26.9154, 30.1772)

Have a look what the booklet for
XYZ(27.8951, 26.9154, 30.1772)
contains.

XYZ(27.9388, 26.8910, 30.1035)	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(27.9388, 26.8910,
30.1035)**

Conversions

Conversions Part 1

Format	Color
Hex	9E8890
RGB	158, 136, 144
RGB Percent	62%, 53%, 56%
CMY	0.3804, 0.4667, 0.4353
CMYK	0.00, 0.14, 0.09, 0.38
HSL	338°, 10%, 58%
HSV	338°, 14%, 62%
XYZ	27.9388, 26.8910, 30.1035
YIQ	143.4900, 10.5440, 7.1520

Conversions

Conversions Part 2

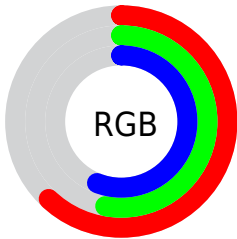
Format	Color
R_{YB}	158, 136, 144
Decimal	10389648
CIE _{Lab}	58.87, 9.72, -1.20
CIE _{LCh}	59, 9.794, 352.965
Yxy	26.8910, 0.3289, 0.3166
Android (android.graphics.Color)	4288579728 (0xFF9E8890)
YUV	143.4900, 0.2514, 12.7253
Hunter-Lab	51.8565, 5.4217, 1.8808

Details

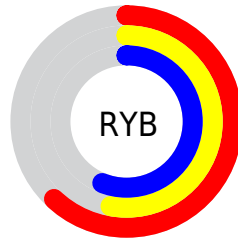
The XYZ color **27.9388, 26.8910, 30.1035** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **27.8863, 31.8908, 33.5416**, and the grayscale version is **26.3011, 27.6708, 30.1335**.

A 20% lighter version of the original color is **55.8312, 54.6185, 61.0259**, and **11.2920, 10.5279, 12.0266** is the 20% darker color. If you saturate the color by 10%, you get **25.1410, 22.4708, 25.5464**, and if you desaturate by 10%, it is **31.1347, 31.9970, 35.1317**.

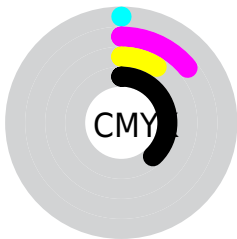
Distribution



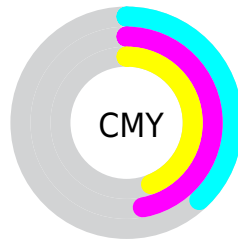
- Red (62%)
- Green (53%)
- Blue (56%)



- Red (62%)
- Yellow (53%)
- Blue (56%)



- Cyan (0%)
- Magenta (14%)
- Yellow (9%)
- Black (38%)



- Cyan (38%)
- Magenta (47%)
- Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 27.9388, 26.8910, 30.1035 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 27.9388, 26.8910, 30.1035 by changing the saturation by 10% instead.

■ 27.9388, 26.8910,
30.1035

■ 27.9388, 26.8910,
30.1035

284.2597,
287.1290, 316.6089

■ 18.4197, 17.4914,
19.6644

■ 55.7960, 54.7089,
60.8888

■ 11.3533, 10.5854,
11.9697

■ 74.8650, 73.8960,
82.0720

■ 6.3740, 5.7888,
6.6008

■ 97.8479, 97.1143,
107.6738

■ 3.1166, 2.7171,
3.1391

125.1101,
124.7483, 138.1126

■ 1.2157, 0.9859,
1.1661

157.0171,
157.1824, 173.8070

■ 0.1187, 0.0000,
0.0000

193.9341,

■ 0.0000, 0.0000,

194.8010, 215.1755

0.0000

236.2265,
237.9883, 262.6366

■ 27.9388, 26.8910,
30.1035

■ 27.9388, 26.8910,
30.1035

■ 25.1410, 22.4708,
25.5464

■ 31.1347, 31.9970,
35.1317

■ 22.7229, 18.7037,
21.4446

■ 34.7414, 37.8128,
40.6429

■ 20.6680, 15.5592,
17.7838

■ 38.7741, 44.3656,
46.6504

■ 18.9578, 13.0034,
14.5482

■ 43.2465, 51.6801,
53.1668

■ 17.5720, 10.9989,
11.7211

■ 48.1714, 59.7799,
60.2040

■ 16.4879, 9.5040,
9.2845

■ 53.5614, 68.6873,
67.7734

■ 15.6800, 8.4710,
7.2185

■ 59.4285, 78.4242,
75.8864

■ 15.1178, 7.8428,
5.5012

■ 63.3762, 84.1954,
83.7511

■ 14.8504, 7.5691,
4.6073

■ 64.7846, 84.7587,
91.1676

Harmonies

Analogous

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



27.4620, 26.8910, 33.4798



27.9388, 26.8910, 30.1035



27.7621, 26.8910, 26.7557

Triad

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



27.9388, 26.8910, 30.1035



24.6619, 26.8910, 23.5623



24.1830, 26.8910, 34.9283

Complementary

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



27.9388, 26.8910, 30.1035



27.8863, 31.8908, 33.5416

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.



23.4759, 26.8910, 31.9577



27.9388, 26.8910, 30.1035



23.7462, 26.8910, 25.4465

Square

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



27.9388, 26.8910, 30.1035



25.8451, 26.8910, 23.1512



23.3185, 26.8910, 28.4711



25.2752, 26.8910, 36.4044

Rectangle

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



27.9388, 26.8910, 30.1035



27.3000, 26.8910, 24.9685



23.3185, 26.8910, 28.4711



23.8938, 26.8910, 34.0607

Sweetspot

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



27.9396, 26.8922, 30.1041



56.4435, 57.9514, 63.6493



27.5421, 26.5559, 36.0225



12.6253, 12.9050, 14.1948



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.



27.9396, 26.8922, 30.1041



48.9250, 45.9609, 51.7513



27.7684, 27.4938, 27.1371



6.7278, 6.6840, 7.4175



11.9110, 6.0690, 3.7825



0.2324, 0.1163, 0.1699

Inverse Universe

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



27.9396, 26.8922, 30.1041



48.9250, 45.9609, 51.7513



28.0583, 31.1686, 36.8856



6.7278, 6.6840, 7.4175



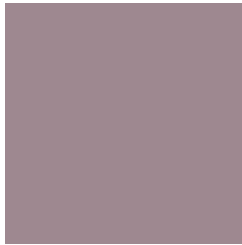
11.9110, 6.0690, 3.7825



0.2324, 0.1163, 0.1699

Previews

White Background



This preview shows how the XYZ color 27.9388, 26.8910, 30.1035 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 27.9388, 26.8910, 30.1035 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

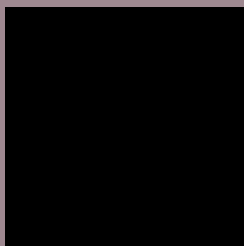
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 27.9388, 26.8910, 30.1035

Background



This preview shows how black text looks on a background with the XYZ color 27.9388, 26.8910, 30.1035.



This preview shows how white text looks on a background with the XYZ color 27.9388, 26.8910,

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

27.9388, 26.8910, 30.1035

Protanopia

26.1190, 26.9960, 31.4379

Deuteranopia

27.3061, 26.7750, 30.1145



Tritanopia

28.0930, 26.9527, 30.9159

Trichromacy



Original Color

27.9388, 26.8910, 30.1035

Protanomaly

26.6337, 26.8365, 30.9703

Deuteranomaly

27.4973, 26.8735, 30.1234

Tritanomaly

28.0155, 26.9218, 30.5079

Monochromacy



Original Color

27.9388, 26.8910, 30.1035

Achromatopsia

26.1081, 27.4677, 29.9124

Achromatomaly

26.5488, 27.0352, 29.8057

CSS Examples

Text

The CSS property to change the color of the text to XYZ 27.9388, 26.8910, 30.1035 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(158, 136, 144)` looks like.

```
.text, #text, p{  
    color:rgb(158, 136, 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(158, 136, 144) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(158, 136, 144) }
```

Border

The CSS property to change the border of an element to XYZ 27.9388, 26.8910, 30.1035 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(158, 136, 144) }
```


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

```
.border{ border-color:rgb(158, 136, 144) }
```

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

Here you see how a box with a 4 pixel rgb(158, 136, 144) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(158, 136, 144); -webkit-box-  
shadow:4px 4px 4px 4px rgb(158, 136, 144);  
box-shadow:4px 4px 4px 4px rgb(158, 136,  
144) }
```

Background

The CSS property to change the background color of an element to XYZ 27.9388, 26.8910, 30.1035 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(158, 136, 144) }
```

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

```
.background{ background-color: rgb(158,  
136, 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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