

Converting Colors

XYZ(27.3596, 28.1655, 30.8524)

Have a look what the booklet for
XYZ(27.3596, 28.1655, 30.8524)
contains.

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Color

**XYZ(27.3277, 28.0788,
30.7675)**

Conversions

Conversions Part 1

Format	Color
Hex	958F91
RGB	149, 143, 145
RGB Percent	58%, 56%, 57%
CMY	0.4157, 0.4392, 0.4314
CMYK	0.00, 0.04, 0.03, 0.42
HSL	340°, 3%, 57%
HSV	340°, 4%, 58%
XYZ	27.3277, 28.0788, 30.7675
YIQ	145.0220, 2.9340, 1.8940

Conversions

Conversions Part 2

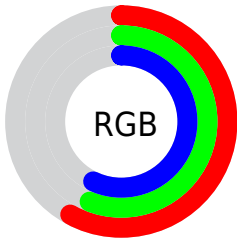
Format	Color
R_{YB}	149, 143, 145
Decimal	9801617
CIE _{Lab}	59.96, 2.60, -0.28
CIE _{LCh}	60, 2.610, 353.906
Yxy	28.0788, 0.3171, 0.3258
Android (android.graphics.Color)	4287991697 (0xFF958F91)
YUV	145.0220, -0.0108, 3.4887
Hunter-Lab	52.9894, -0.6755, 2.6668

Details

The XYZ color **27.3277, 28.0788, 30.7675** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **27.3426, 29.4418, 31.8469**, and the grayscale version is **26.9224, 28.3245, 30.8454**.

A 20% lighter version of the original color is **54.9037, 56.7525, 62.0934**, and **11.0169, 11.2516, 12.4176** is the 20% darker color. If you saturate the color by 10%, you get **24.5049, 23.6061, 26.2100**, and if you desaturate by 10%, it is **30.5162, 33.1750, 35.7783**.

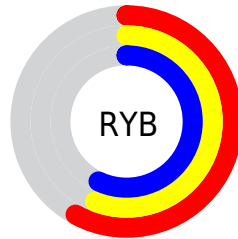
Distribution



Red (58%)

Green (56%)

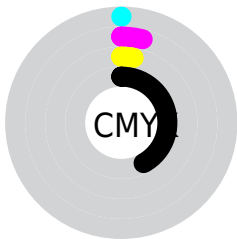
Blue (57%)



Red (58%)

Yellow (56%)

Blue (57%)

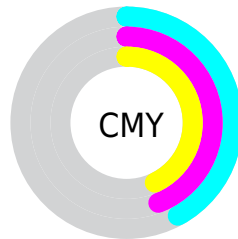


Cyan (0%)

Magenta (4%)

Yellow (3%)

Black (42%)



Cyan (42%)

Magenta (44%)

Yellow (43%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 27.3277, 28.0788, 30.7675 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 27.3277, 28.0788, 30.7675 by changing the saturation by 10% instead.

■ 27.3277, 28.0788,
30.7675

■ 27.3277, 28.0788,
30.7675

281.3790,
292.8433, 319.7837

■ 17.9573, 18.3851,
20.1649

■ 54.8255, 56.6102,
61.9491

■ 11.0189, 11.2268,
12.3297

■ 73.6836, 76.2167,
83.3652

■ 6.1469, 6.2196,
6.8434

■ 96.4350, 99.8962,
109.2229

■ 2.9761, 2.9791,
3.2874

123.4451,
128.0332, 139.9407

■ 1.1412, 1.1208,
1.2432

155.0791,
161.0120, 175.9371

■ 0.0591, 0.0000,
0.0145

191.7026,

■ 0.0000, 0.0000,

199.2170, 217.6307

0.0000

233.6808,
243.0326, 265.4401

■ 27.3277, 28.0788,
30.7675

■ 27.3277, 28.0788,
30.7675

■ 24.5049, 23.6061,
26.2100

■ 30.5162, 33.1750,
35.7783

■ 22.0322, 19.7292,
22.0912

■ 34.0808, 38.9137,
41.2530

■ 19.8961, 16.4240,
18.3982

■ 38.0341, 45.3175,
47.2040

■ 18.0815, 13.6631,
15.1167

■ 42.3878, 52.4070,
53.6426

■ 16.5721, 11.4170,
12.2317

■ 47.1527, 60.2016,
60.5800

■ 15.3500, 9.6531,
9.7271

■ 52.3394, 68.7204,
68.0268

■ 14.3955, 8.3353,
7.5858

■ 57.9581, 77.9812,
75.9933

■ 13.6859, 7.4223,
5.7888

■ 61.6771, 83.3187,
83.7089

■ 13.1944, 6.8642,
4.3152

■ 63.0689, 83.8754,
91.0378

Harmonies

Analogous

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



27.2071, 28.0788, 31.6625



27.3277, 28.0788, 30.7675



27.2758, 28.0788, 29.8383

Triad

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



27.3277, 28.0788, 30.7675



26.4303, 28.0788, 28.9323



26.3138, 28.0788, 32.0739

Complementary

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



27.3277, 28.0788, 30.7675



27.3426, 29.4418, 31.8469

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.



26.1088, 28.0788, 31.3197



27.3277, 28.0788, 30.7675



26.1757, 28.0788, 29.5089

Square

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



27.3277, 28.0788, 30.7675



26.7559, 28.0788, 28.7914



26.0585, 28.0788, 30.3794



26.6204, 28.0788, 32.4267

Rectangle

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



27.3277, 28.0788, 30.7675



27.1505, 28.0788, 29.3230



26.0585, 28.0788, 30.3794



26.2309, 28.0788, 31.8581

Sweetspot

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



27.3285, 28.0800, 30.7681



50.5870, 52.9099, 57.7109



27.2808, 28.0192, 32.4045



11.2187, 11.7383, 12.8021



71.1368, 74.8414, 81.5023



11.3376, 11.9280, 12.9896

Same Dimension

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



27.3285, 28.0800, 30.7681



48.3660, 49.3719, 54.1839



27.3265, 28.3204, 30.0142



6.1170, 6.2283, 6.8395



10.9221, 5.5739, 3.0708



0.1463, 0.0733, 0.1040

Inverse Universe

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



27.3285, 28.0800, 30.7681



48.3660, 49.3719, 54.1839



27.3433, 29.1901, 32.6272



6.1170, 6.2283, 6.8395



10.9221, 5.5739, 3.0708



0.1463, 0.0733, 0.1040

Previews

White Background



This preview shows how the XYZ color 27.3277, 28.0788, 30.7675 looks on a white background.

Color Contrast Check

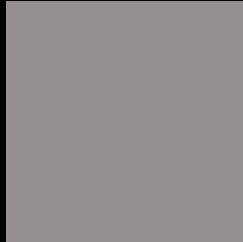
Large Text (above 18pt) WCAG AA ✓ Pass

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 27.3277, 28.0788, 30.7675 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

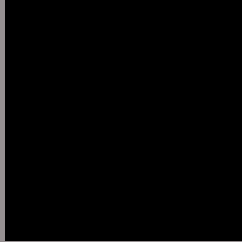
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 27.3277, 28.0788, 30.7675

Background



This preview shows how black text looks on a background with the XYZ color 27.3277, 28.0788, 30.7675.



This preview shows how white text looks on a background with the XYZ color 27.3277, 28.0788,

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

27.3277, 28.0788, 30.7675

Protanopia

27.1167, 28.1939, 30.8008

Deuteranopia

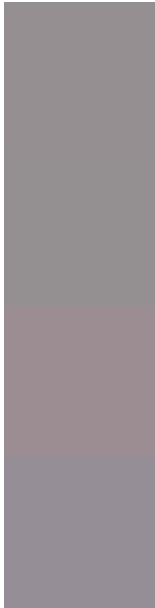
28.6669, 28.1006, 31.1072



Tritanopia

28.0004, 28.1299, 34.0908

Trichromacy



Original Color

27.3277, 28.0788, 30.7675

Protanomaly

27.2968, 28.2868, 30.8093

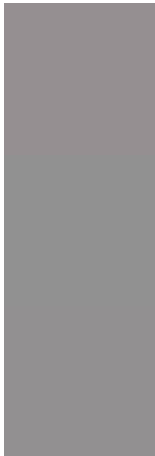
Deuteranomaly

28.2308, 28.0936, 31.1288

Tritanomaly

27.7557, 28.0320, 32.8020

Monochromacy



Original Color

27.3277, 28.0788, 30.7675

Achromatopsia

26.9133, 28.3149, 30.8349

Achromatomaly

26.9382, 28.1018, 30.7925

CSS Examples

Text

The CSS property to change the color of the text to XYZ 27.3277, 28.0788, 30.7675 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(149, 143, 145) looks like.

```
.text, #text, p{  
    color:rgb(149, 143, 145)  
}
```

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(149, 143, 145) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(149, 143, 145) }
```

Border

The CSS property to change the border of an element to XYZ 27.3277, 28.0788, 30.7675 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(149, 143, 145) }
```


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

```
.border{ border-color:rgb(149, 143, 145) }
```

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

Here you see how a box with a 4 pixel rgb(149, 143, 145) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(149, 143, 145); -webkit-box-  
shadow:4px 4px 4px 4px rgb(149, 143, 145);  
box-shadow:4px 4px 4px 4px rgb(149, 143,  
145) }
```

Background

The CSS property to change the background color of an element to XYZ 27.3277, 28.0788, 30.7675 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(149, 143, 145) }
```

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

```
.background{ background-color: rgb(149,  
143, 145) }
```

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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