

Converting Colors

XYZ(27.8053, 28.1456, 28.8752)

Have a look what the booklet for
XYZ(27.8053, 28.1456, 28.8752)
contains.

XYZ(27.7331, 28.1095, 28.7749)	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(27.7331, 28.1095,
28.7749)**

Conversions

Conversions Part 1

Format	Color
Hex	9A8E8C
RGB	154, 142, 140
RGB Percent	60%, 56%, 55%
CMY	0.3961, 0.4431, 0.4510
CMYK	0.00, 0.08, 0.09, 0.40
HSL	9°, 6%, 58%
HSV	9°, 9%, 60%
XYZ	27.7331, 28.1095, 28.7749
YIQ	145.3600, 7.7940, 1.9220

Conversions

Conversions Part 2

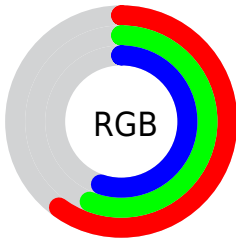
Format	Color
RYB	154, 142, 140
Decimal	10129036
CIELab	59.99, 4.10, 2.67
CIElCh	60, 4.891, 33.049
Yxy	28.1095, 0.3277, 0.3322
Android (android.graphics.Color)	4288319116 (0xFF9A8E8C)
YUV	145.3600, -2.6425, 7.5773
Hunter-Lab	53.0184, 0.5884, 4.9342

Details

The XYZ color **27.7331, 28.1095, 28.7749** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **27.8761, 30.3646, 34.9640**, and the grayscale version is **27.0690, 28.4787, 31.0133**.

A 20% lighter version of the original color is **55.4900, 56.7848, 59.0749**, and **11.2661, 11.2760, 11.2556** is the 20% darker color. If you saturate the color by 10%, you get **24.8277, 23.9903, 22.5906**, and if you desaturate by 10%, it is **31.0316, 32.7598, 35.8750**.

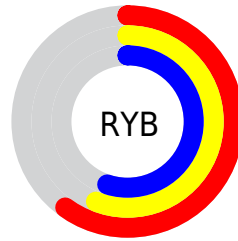
Distribution



Red (60%)

Green (56%)

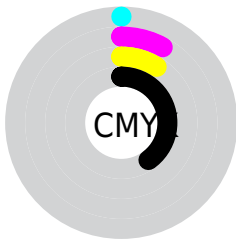
Blue (55%)



Red (60%)

Yellow (56%)

Blue (55%)

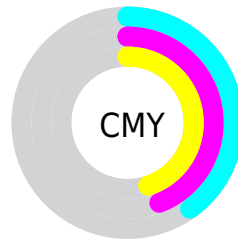


Cyan (0%)

Magenta (8%)

Yellow (9%)

Black (40%)



Cyan (40%)

Magenta (44%)

Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 27.7331, 28.1095, 28.7749 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 27.7331, 28.1095, 28.7749 by changing the saturation by 10% instead.

■ 27.7331, 28.1095,
28.7749

■ 27.7331, 28.1095,
28.7749

283.2926,
292.9898, 310.1790

■ 18.2640, 18.4082,
18.6665

■ 55.4697, 56.6592,
58.7572

■ 11.2405, 11.2435,
11.2552

■ 74.4678, 76.2764,
79.4681

■ 6.2973, 6.2308,
6.1224

■ 97.3731, 99.9678,
104.5503

■ 3.0691, 2.9859,
2.8497

124.5507,
128.1176, 134.4223

■ 1.1904, 1.1244,
1.0184

156.3661,
161.1103, 169.5026

■ 0.0988, 0.0000,
0.0000

193.1847,

■ 0.0000, 0.0000,

199.3303, 210.2098

0.0000

235.3717,
243.1620, 256.9624

■ 27.7331, 28.1095,
28.7749

■ 27.7331, 28.1095,
28.7749

■ 24.8277, 23.9903,
22.5906

■ 31.0316, 32.7598,
35.8750

■ 22.2983, 20.3796,
17.2831

■ 34.7346, 37.9552,
43.9242

■ 20.1301, 17.2588,
12.8131

■ 38.8560, 43.7140,
52.9564

■ 18.3065, 14.6067,
9.1378

■ 43.4086, 50.0525,
63.0032

■ 16.8096, 12.4005,
6.2103

■ 48.4043, 56.9862,
74.0949

■ 15.6196, 10.6155,
3.9790

■ 53.8548, 64.5302,
86.2605

■ 14.7147, 9.2248,
2.3858

■ 59.7711, 72.6990,
99.5278

■ 14.0701, 8.1978,
1.3629

■ 64.8150, 80.9668,
106.8198

■ 13.6453, 7.4952,
0.7677

■ 67.1366, 85.6101,
107.5937

Harmonies

Analogous

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



27.9304, 28.1095, 30.4245



27.7331, 28.1095, 28.7749



27.2634, 28.1095, 27.6515

Triad

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



27.7331, 28.1095, 28.7749



25.6645, 28.1095, 29.0790



26.7809, 28.1095, 34.1586

Complementary

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



27.7331, 28.1095, 28.7749



27.8761, 30.3646, 34.9640

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.



26.1784, 28.1095, 33.7648



27.7331, 28.1095, 28.7749



25.5398, 28.1095, 30.7891

Square

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



27.7331, 28.1095, 28.7749



26.0698, 28.1095, 27.8222



25.7265, 28.1095, 32.5142



27.3753, 28.1095, 33.5706

Rectangle

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



27.7331, 28.1095, 28.7749



26.8624, 28.1095, 27.3284



25.7265, 28.1095, 32.5142



26.5726, 28.1095, 34.1368

Sweetspot

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



27.7339, 28.1107, 28.7755



53.9060, 56.0408, 59.8469



28.3834, 27.8980, 33.6524



12.0953, 12.5350, 13.3175



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.



27.7339, 28.1107, 28.7755



49.1971, 49.3913, 49.7425



28.7868, 30.2166, 29.1265



6.2766, 6.3582, 6.5023



11.1087, 6.0998, 0.5919



0.1821, 0.1233, 0.0142

Inverse Universe

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



27.8761, 30.3646, 34.9640



49.5114, 54.3729, 63.4218



26.7941, 28.2005, 34.6033



6.3093, 6.8759, 7.9236



11.4910, 15.3786, 27.2704



0.1899, 0.2661, 0.4137

Previews

White Background



This preview shows how the XYZ color 27.7331, 28.1095, 28.7749 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 27.7331, 28.1095, 28.7749 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

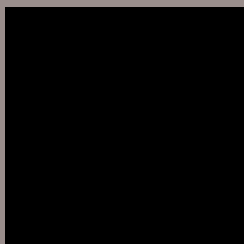
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

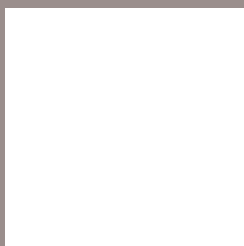
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 27.7331, 28.1095, 28.7749

Background



This preview shows how black text looks on a background with the XYZ color 27.7331, 28.1095, 28.7749.



This preview shows how white text looks on a background with the XYZ color 27.7331, 28.1095,

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

27.7331, 28.1095, 28.7749

Protanopia

26.9937, 28.1655, 29.2131

Deuteranopia

28.6089, 28.1232, 28.7314



Tritanopia

28.6743, 28.0585, 33.1827

Trichromacy



Original Color

27.7331, 28.1095, 28.7749

Protanomaly

27.2079, 28.0520, 29.1799

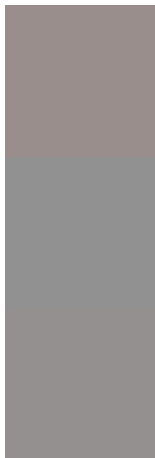
Deuteranomaly

28.3591, 28.2123, 28.7618

Tritanomaly

28.3089, 28.1249, 31.5404

Monochromacy



Original Color

27.7331, 28.1095, 28.7749

Achromatopsia

26.9133, 28.3149, 30.8349

Achromatomaly

27.1439, 28.2256, 30.0040

CSS Examples

Text

The CSS property to change the color of the text to XYZ 27.7331, 28.1095, 28.7749 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(154, 142, 140)` looks like.

```
.text, #text, p{  
    color:rgb(154, 142, 140)  
}
```

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(154, 142, 140) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(154, 142, 140) }
```

Border

The CSS property to change the border of an element to XYZ 27.7331, 28.1095, 28.7749 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(154, 142, 140) }
```


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

```
.border{ border-color:rgb(154, 142, 140) }
```

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

Here you see how a box with a 4 pixel `rgb(154, 142, 140)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(154, 142, 140); -webkit-box-  
shadow:4px 4px 4px 4px rgb(154, 142, 140);  
box-shadow:4px 4px 4px 4px rgb(154, 142,  
140) }
```

Background

The CSS property to change the background color of an element to XYZ 27.7331, 28.1095, 28.7749 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(154, 142, 140) }
```

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

```
.background{ background-color: rgb(154,  
142, 140) }
```

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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