

Converting Colors

XYZ(29.2010, 27.9108, 36.3155)

Have a look what the booklet for
XYZ(29.2010, 27.9108, 36.3155)
contains.

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Color

**XYZ(29.1647, 27.8137,
36.1792)**

Conversions

Conversions Part 1

Format	Color
Hex	9D8A9E
RGB	157, 138, 158
RGB Percent	62%, 54%, 62%
CMY	0.3843, 0.4588, 0.3804
CMYK	0.01, 0.13, 0.00, 0.38
HSL	297°, 9%, 58%
HSV	297°, 13%, 62%
XYZ	29.1647, 27.8137, 36.1792
YIQ	145.9610, 4.9040, 10.2480

Conversions

Conversions Part 2

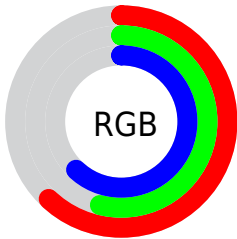
Format	Color
R_{YB}	157, 138, 158
Decimal	10324638
CIE _{Lab}	59.72, 10.86, -7.97
CIE _{LCh}	60, 13.476, 323.722
Yxy	27.8137, 0.3131, 0.2986
Android (android.graphics.Color)	4288514718 (0xFF9D8A9E)
YUV	145.9610, 5.9352, 9.6812
Hunter-Lab	52.7387, 6.4185, -3.7564

Details

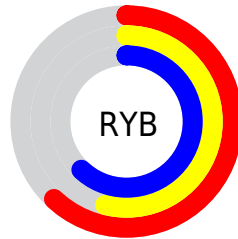
The XYZ color **29.1647, 27.8137, 36.1792** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **27.4628, 31.7784, 28.7326**, and the grayscale version is **27.2814, 28.7021, 31.2566**.

A 20% lighter version of the original color is **57.7924, 56.0627, 70.7260**, and **12.0874, 11.1052, 15.4164** is the 20% darker color. If you saturate the color by 10%, you get **26.9074, 23.5268, 35.4711**, and if you desaturate by 10%, it is **31.7544, 32.7631, 36.9984**.

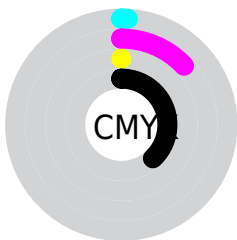
Distribution



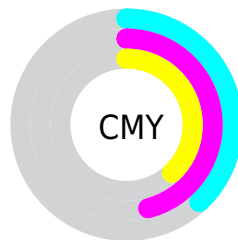
- Red (62%)
- Green (54%)
- Blue (62%)



- Red (62%)
- Yellow (54%)
- Blue (62%)



- Cyan (1%)
- Magenta (13%)
- Yellow (0%)
- Black (38%)



- Cyan (38%)
- Magenta (46%)
- Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 29.1647, 27.8137, 36.1792 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 29.1647, 27.8137, 36.1792 by changing the saturation by 10% instead.

■ 29.1647, 27.8137,
36.1792

■ 29.1647, 27.8137,
36.1792

289.9715,
291.5756, 344.8042

■ 19.3504, 18.1853,
24.2818

■ 57.7344, 56.1869,
70.4807

■ 12.0292, 11.0831,
15.3287

■ 77.2205, 75.7004,
93.7220

■ 6.8359, 6.1227,
8.9012

■ 100.6612, 99.2777,
121.5816

■ 3.4051, 2.9199,
4.5809

128.4219,
127.3033, 154.4781

■ 1.3714, 1.0900,
1.9491

160.8679,
160.1615, 192.8301

■ 0.2357, 0.0000,
0.5237

198.3646,

■ 0.0000, 0.0000,

198.2367, 237.0561

0.0000

241.2773,
241.9133, 287.5746

■ 29.1647, 27.8137,
36.1792

■ 29.1647, 27.8137,
36.1792

■ 26.9074, 23.5268,
35.4711

■ 31.7544, 32.7631,
36.9984

■ 24.9660, 19.8704,
34.8677

■ 34.6873, 38.3980,
37.9315

■ 23.3259, 16.8154,
34.3645

■ 37.9770, 44.7448,
38.9832

■ 21.9707, 14.3287,
33.9559

■ 41.6352, 51.8273,
40.1574

■ 20.8824, 12.3743,
33.6360

■ 45.6736, 59.6685,
41.4581

■ 20.0409, 10.9119,
33.3981

■ 50.1028, 68.2899,
42.8888

■ 19.4232, 9.8957,
33.2345

■ 54.9334, 77.7127,
44.4529

■ 19.0020, 9.2710,
33.1362

■ 57.1015, 81.8090,
45.1293

■ 18.7681, 8.9624,
33.0889

■ 57.2642, 81.8929,
45.1369

Harmonies

Analogous

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



27.7754, 27.8137, 39.7069



29.1647, 27.8137, 36.1792



29.8264, 27.8137, 31.3215

Triad

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



29.1647, 27.8137, 36.1792



26.7958, 27.8137, 21.8864



23.5501, 27.8137, 34.2160

Complementary

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



29.1647, 27.8137, 36.1792



27.4628, 31.7784, 28.7326

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.



23.3130, 27.8137, 29.2704



29.1647, 27.8137, 36.1792



25.1405, 27.8137, 22.4845

Square

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



29.1647, 27.8137, 36.1792



28.4214, 27.8137, 23.3359



23.8832, 27.8137, 25.0674



24.5455, 27.8137, 38.4910

Rectangle

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



29.1647, 27.8137, 36.1792



29.7464, 27.8137, 28.1139



23.8832, 27.8137, 25.0674



23.3809, 27.8137, 32.5639

Sweetspot

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



29.1655, 27.8149, 36.1798



56.9592, 58.1444, 66.9644



25.8866, 26.3385, 36.0676



12.7617, 12.9560, 15.0718



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.



29.1655, 27.8149, 36.1798



51.8253, 48.3436, 65.3432



28.6147, 27.6172, 32.2572



6.8714, 6.7377, 8.3450



15.0412, 7.1830, 26.5009



0.2779, 0.1330, 0.4743

Inverse Universe

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



27.8502, 27.3114, 28.2312



48.9947, 47.2610, 48.1958



27.9755, 31.9643, 32.3000



6.6458, 6.6513, 6.9861



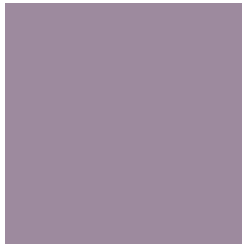
11.3322, 5.8374, 0.7345



0.2061, 0.1058, 0.0315

Previews

White Background



This preview shows how the XYZ color 29.1647, 27.8137, 36.1792 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 29.1647, 27.8137, 36.1792 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 29.1647, 27.8137, 36.1792

Background



This preview shows how black text looks on a background with the XYZ color 29.1647, 27.8137, 36.1792.



This preview shows how white text looks on a background with the XYZ color 29.1647, 27.8137,

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

29.1647, 27.8137, 36.1792

Protanopia

27.2400, 27.8809, 37.6641

Deuteranopia

28.4985, 27.9002, 36.2310



Tritanopia

28.4479, 27.7352, 32.7082

Trichromacy



Original Color

29.1647, 27.8137, 36.1792

Protanomaly

27.9027, 27.7909, 37.1512

Deuteranomaly

28.7306, 27.8039, 36.2002

Tritanomaly

28.6927, 27.8331, 33.9970

Monochromacy



Original Color

29.1647, 27.8137, 36.1792

Achromatopsia

27.3213, 28.7441, 31.3023

Achromatomaly

27.9052, 28.3310, 32.8518

CSS Examples

Text

The CSS property to change the color of the text to XYZ 29.1647, 27.8137, 36.1792 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(157, 138, 158)` looks like.

```
.text, #text, p{  
    color:rgb(157, 138, 158)  
}
```

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(157, 138, 158) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(157, 138, 158) }
```

Border

The CSS property to change the border of an element to XYZ 29.1647, 27.8137, 36.1792 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(157, 138, 158) }
```


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

```
.border{ border-color:rgb(157, 138, 158) }
```

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

Here you see how a box with a 4 pixel `rgb(157, 138, 158)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(157, 138, 158); -webkit-box-  
shadow:4px 4px 4px 4px rgb(157, 138, 158);  
box-shadow:4px 4px 4px 4px rgb(157, 138,  
158) }
```

Background

The CSS property to change the background color of an element to XYZ 29.1647, 27.8137, 36.1792 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(157, 138, 158) }
```

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

```
.background{ background-color: rgb(157,  
138, 158) }
```

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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