

Converting Colors

XYZ(27.4642, 29.1575, 34.9729)

Have a look what the booklet for
XYZ(27.4642, 29.1575, 34.9729)
contains.

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Color

**XYZ(27.4908, 29.2091,
35.1993)**

Conversions

Conversions Part 1

Format	Color
Hex	8D949B
RGB	141, 148, 155
RGB Percent	55%, 58%, 61%
CMY	0.4471, 0.4196, 0.3922
CMYK	0.09, 0.05, 0.00, 0.39
HSL	210°, 7%, 58%
HSV	210°, 9%, 61%
XYZ	27.4908, 29.2091, 35.1993
YIQ	146.7050, -6.4190, 0.6930

Conversions

Conversions Part 2

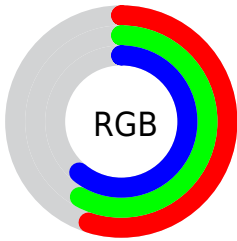
Format	Color
R_{YB}	141, 146, 155
Decimal	9278619
CIE _{Lab}	60.97, -1.09, -4.56
CIE _{LCh}	61, 4.691, 256.624
Yxy	29.2091, 0.2991, 0.3178
Android (android.graphics.Color)	4287468699 (0xFF8D949B)
YUV	146.7050, 4.0894, -5.0033
Hunter-Lab	54.0454, -3.7836, -0.7832

Details

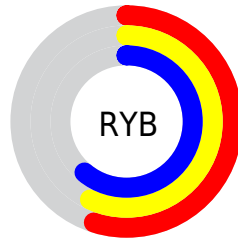
The XYZ color **27.4908, 29.2091, 35.1993** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **28.9153, 30.0712, 29.4801**, and the grayscale version is **27.5976, 29.0349, 31.6190**.

A 20% lighter version of the original color is **55.1348, 58.4466, 68.6970**, and **11.0878, 11.7730, 14.7847** is the 20% darker color. If you saturate the color by 10%, you get **23.8628, 25.5955, 34.6935**, and if you desaturate by 10%, it is **31.5707, 33.1780, 35.7508**.

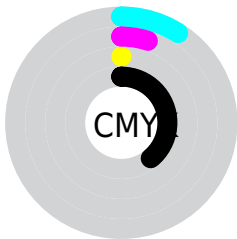
Distribution



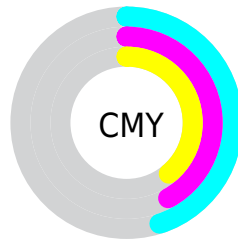
- Red (55%)
- Green (58%)
- Blue (61%)



- Red (55%)
- Yellow (57%)
- Blue (61%)



- Cyan (9%)
- Magenta (5%)
- Yellow (0%)
- Black (39%)



- Cyan (45%)
- Magenta (42%)
- Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 27.4908, 29.2091, 35.1993 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 27.4908, 29.2091, 35.1993 by changing the saturation by 10% instead.

■ 27.4908, 29.2091,
35.1993

■ 27.4908, 29.2091,
35.1993

282.1501,
298.2003, 340.3781

■ 18.0807, 19.2391,
23.5317

■ 55.0848, 58.4091,
68.9495

■ 11.1080, 11.8431,
14.7776

■ 73.9994, 78.4079,
91.8691

■ 6.2073, 6.6370,
8.5186

■ 96.8128, 102.5184,
119.3764

■ 3.0134, 3.2361,
4.3360

123.8904,
131.1250, 151.8900

■ 1.1609, 1.2562,
1.8114

155.5976,
164.6121, 189.8285

■ 0.0751, 0.1069,
0.4355

192.2997,

■ 0.0000, 0.0000,

203.3641, 233.6103

0.0000

234.3621,
247.7653, 283.6540

■ 27.4908, 29.2091,
35.1993

■ 27.4908, 29.2091,
35.1993

■ 23.8628, 25.5955,
34.6935

■ 31.5707, 33.1780,
35.7508

■ 20.6674, 22.3225,
34.2301

■ 36.1159, 37.5091,
36.3472

■ 17.8876, 19.3797,
33.8086

■ 41.1423, 42.2135,
36.9903

■ 15.5039, 16.7547,
33.4276

■ 46.6642, 47.3007,
37.6812

■ 13.4956, 14.4342,
33.0855

■ 52.6955, 52.7801,
38.4210

■ 11.8397, 12.4035,
32.7808

■ 59.2493, 58.6604,
39.2106

■ 10.5102, 10.6466,
32.5118

■ 66.3383, 64.9502,
40.0510

■ 9.4774, 9.1452,
32.2765

■ 70.1988, 69.7112,
40.7665

■ 8.6794, 7.8645,
32.0713

■ 72.1579, 73.6295,
41.4195

Harmonies

Analogous

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



26.9614, 29.2091, 34.3189



27.4908, 29.2091, 35.1993



28.1007, 29.2091, 35.1464

Triad

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



27.4908, 29.2091, 35.1993



28.9062, 29.2091, 30.8485



26.9151, 29.2091, 29.5431

Complementary

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



27.4908, 29.2091, 35.1993



28.9153, 30.0712, 29.4801

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.



27.4268, 29.2091, 28.6800



27.4908, 29.2091, 35.1993



28.5791, 29.2091, 29.4146

Square

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



27.4908, 29.2091, 35.1993



28.9240, 29.2091, 32.5905



28.0357, 29.2091, 28.6339



26.6323, 29.2091, 31.0298

Rectangle

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



27.4908, 29.2091, 35.1993



28.4709, 29.2091, 34.5883



28.0357, 29.2091, 28.6339



27.0657, 29.2091, 29.1728

Sweetspot

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



27.4916, 29.2103, 35.1999



53.4989, 56.4793, 63.6182



28.0331, 31.2366, 32.4725



11.9801, 12.6583, 14.3823



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.



27.4916, 29.2103, 35.1999



47.7479, 50.8458, 62.8339



26.4607, 27.1484, 34.8563



6.1269, 6.5112, 7.8628



6.9516, 6.2998, 25.7573



0.1403, 0.1669, 0.3972

Inverse Universe

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



28.3884, 28.1570, 31.9570



49.7222, 48.5708, 55.6843



30.0083, 32.2572, 29.8445



6.3312, 6.2716, 7.1241



11.9676, 6.0413, 6.3544



0.1973, 0.0977, 0.1916

Previews

White Background



This preview shows how the XYZ color 27.4908, 29.2091, 35.1993 looks on a white background.

Color Contrast Check

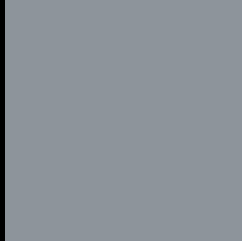
Large Text (above 18pt) WCAG AA ✓ Pass

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 27.4908, 29.2091, 35.1993 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

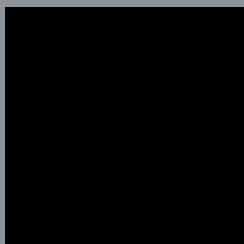
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

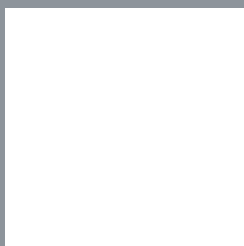
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 27.4908, 29.2091, 35.1993

Background



This preview shows how black text looks on a background with the XYZ color 27.4908, 29.2091, 35.1993.



This preview shows how white text looks on a background with the XYZ color 27.4908, 29.2091,

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

27.4908, 29.2091, 35.1993

Protanopia

28.3244, 29.1868, 34.7126

Deuteranopia

29.7278, 29.2133, 35.5244



Tritanopia

27.8471, 29.1214, 36.9542

Trichromacy



Original Color

27.4908, 29.2091, 35.1993

Protanomaly

27.9435, 29.2203, 34.7391

Deuteranomaly

28.8886, 29.2304, 35.5719

Tritanomaly

27.7606, 29.0868, 36.4989

Monochromacy



Original Color

27.4908, 29.2091, 35.1993

Achromatopsia

27.7328, 29.1771, 31.7738

Achromatomaly

27.6158, 29.0892, 33.0134

CSS Examples

Text

The CSS property to change the color of the text to XYZ 27.4908, 29.2091, 35.1993 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(141, 148, 155)` looks like.

```
.text, #text, p{  
    color:rgb(141, 148, 155)  
}
```

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(141, 148, 155) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(141, 148, 155) }
```

Border

The CSS property to change the border of an element to XYZ 27.4908, 29.2091, 35.1993 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(141, 148, 155) }
```


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

```
.border{ border-color:rgb(141, 148, 155) }
```

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

Here you see how a box with a 4 pixel `rgb(141, 148, 155)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(141, 148, 155); -webkit-box-  
shadow:4px 4px 4px 4px rgb(141, 148, 155);  
box-shadow:4px 4px 4px 4px rgb(141, 148,  
155) }
```

Background

The CSS property to change the background color of an element to XYZ 27.4908, 29.2091, 35.1993 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(141, 148, 155) }
```

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

```
.background{ background-color: rgb(141,  
148, 155) }
```

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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