

Converting Colors

XYZ(27.8296, 29.0862, 32.1233)

Have a look what the booklet for
XYZ(27.8296, 29.0862, 32.1233)
contains.

XYZ(27.8369, 28.9918, 32.1458)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

**XYZ(27.8369, 28.9918,
32.1458)**

Conversions

Conversions Part 1

Format	Color
Hex	949294
RGB	148, 146, 148
RGB Percent	58%, 57%, 58%
CMY	0.4196, 0.4274, 0.4196
CMYK	0.00, 0.01, 0.00, 0.42
HSL	300°, 1%, 58%
HSV	300°, 1%, 58%
XYZ	27.8369, 28.9918, 32.1458
YIQ	146.8260, 0.5500, 1.0460

Conversions

Conversions Part 2

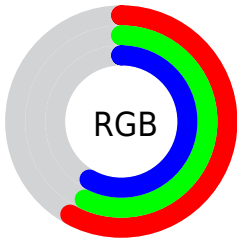
Format	Color
RYB	148, 146, 148
Decimal	9736852
CIELab	60.77, 1.12, -0.80
CIELCh	61, 1.380, 324.361
Yxy	28.9918, 0.3129, 0.3258
Android (android.graphics.Color)	4287926932 (0xFF949294)
YUV	146.8260, 0.5788, 1.0296
Hunter-Lab	53.8440, -1.9441, 2.2937

Details

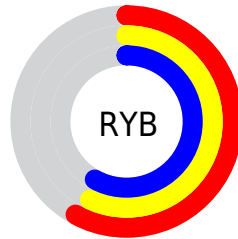
The XYZ color **27.8369, 28.9918, 32.1458** is a light color, and the websafe version is hex **999999**. A complement of this color would be **27.6335, 29.3669, 31.4076**, and the grayscale version is **27.6595, 29.1000, 31.6899**.

A 20% lighter version of the original color is **55.6721, 58.1294, 64.1630**, and **11.2703, 11.7702, 12.9871** is the 20% darker color. If you saturate the color by 10%, you get **25.7015, 24.7213, 31.4345**, and if you desaturate by 10%, it is **30.2693, 33.8556, 32.9568**.

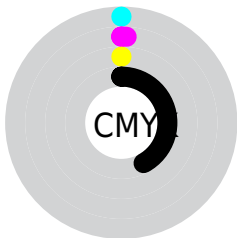
Distribution



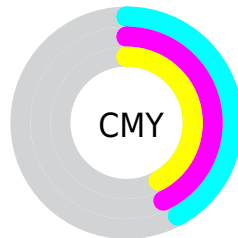
- Red (58%)
- Green (57%)
- Blue (58%)



- Red (58%)
- Yellow (57%)
- Blue (58%)



- Cyan (0%)
- Magenta (1%)
- Yellow (0%)
- Black (42%)



- Cyan (42%)
- Magenta (43%)
- Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 27.8369, 28.9918, 32.1458 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 27.8369, 28.9918, 32.1458 by changing the saturation by 10% instead.

■ 27.8369, 28.9918,
32.1458

■ 27.8369, 28.9918,
32.1458

283.7810,
297.1763, 326.2961

■ 18.3426, 19.0746,
21.2071

■ 55.6344, 58.0641,
64.1401

■ 11.2974, 11.7242,
13.0828

■ 74.6683, 77.9879,
86.0329

■ 6.3360, 6.5562,
7.3542

97.6128, 102.0161,
112.4142

■ 3.0930, 3.1861,
3.6028

124.8331,
130.5331, 143.7024

■ 1.2032, 1.2297,
1.4101

156.6948,
163.9232, 180.3161

■ 0.1089, 0.0857,
0.1496

193.5631,

■ 0.0000, 0.0000,

202.5708, 222.6740

0.0000

235.8034,
246.8604, 271.1944

■ 27.8369, 28.9918,
32.1458

■ 27.8369, 28.9918,
32.1458

■ 25.7015, 24.7213,
31.4345

■ 30.2693, 33.8556,
32.9568

■ 23.8495, 21.0177,
30.8172

■ 33.0069, 39.3301,
33.8692

■ 22.2695, 17.8585,
30.2907

■ 36.0606, 45.4369,
34.8870

■ 20.9489, 15.2179,
29.8506

■ 39.4401, 52.1953,
36.0134

■ 19.8738, 13.0682,
29.4924

■ 43.1546, 59.6238,
37.2515

■ 19.0290, 11.3793,
29.2109

■ 47.2130, 67.7401,
38.6042

■ 18.3978, 10.1173,
29.0006

■ 51.6239, 76.5612,
40.0744

■ 17.9609, 9.2443,
28.8551

■ 53.3215, 79.9558,
40.6401

■ 17.6961, 8.7151,
28.7669

■ 53.3219, 79.9560,
40.6401

Harmonies

Analogous

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



27.6983, 28.9918, 32.4749



27.8369, 28.9918, 32.1458



27.9003, 28.9918, 31.6642

Triad

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



27.8369, 28.9918, 32.1458



27.5897, 28.9918, 30.5950



27.2430, 28.9918, 31.9761

Complementary

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



27.8369, 28.9918, 32.1458



27.6335, 29.3669, 31.4076

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.



27.2143, 28.9918, 31.4703



27.8369, 28.9918, 32.1458



27.4139, 28.9918, 30.6764

Square

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



27.8369, 28.9918, 32.1458



27.7572, 28.9918, 30.7717



27.2767, 28.9918, 30.9955



27.3555, 28.9918, 32.3762

Rectangle

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



27.8369, 28.9918, 32.1458



27.8911, 28.9918, 31.3229



27.2767, 28.9918, 30.9955



27.2233, 28.9918, 31.8126

Sweetspot

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



27.8377, 28.9930, 32.1464



49.6657, 52.2522, 56.9026



27.4847, 28.8187, 32.1314



11.3376, 11.9280, 12.9896



71.1368, 74.8414, 81.5023

Same Dimension

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



27.8377, 28.9930, 32.1464



48.8408, 50.6026, 56.6277



27.7617, 28.9626, 31.7456



6.4025, 6.6435, 7.4146



14.9940, 7.2023, 24.5309



0.1835, 0.0882, 0.3002

Inverse Universe

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



27.6810, 28.9304, 31.3210



48.4247, 50.4362, 54.4358



27.7088, 29.3971, 31.8049



6.3533, 6.6238, 7.1555



10.4318, 5.3778, 0.4888



0.1277, 0.0658, 0.0060

Previews

White Background



This preview shows how the XYZ color 27.8369, 28.9918, 32.1458 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 27.8369, 28.9918, 32.1458 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 27.8369, 28.9918, 32.1458

Background



This preview shows how black text looks on a background with the XYZ color 27.8369, 28.9918, 32.1458.



This preview shows how white text looks on a background with the XYZ color 27.8369, 28.9918,

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

27.8369, 28.9918, 32.1458

Protanopia

28.0186, 29.0854, 32.1543

Deuteranopia

29.5950, 28.9895, 32.4695



Tritanopia

28.5206, 29.0407, 35.5547

Trichromacy



Original Color

27.8369, 28.9918, 32.1458

Protanomaly

28.0186, 29.0854, 32.1543

Deuteranomaly

28.9576, 28.8828, 32.4825

Tritanomaly

28.2696, 28.9403, 34.2331

Monochromacy



Original Color

27.8369, 28.9918, 32.1458

Achromatopsia

27.7328, 29.1771, 31.7738

Achromatomaly

27.7328, 29.1771, 31.7738

CSS Examples

Text

The CSS property to change the color of the text to XYZ 27.8369, 28.9918, 32.1458 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(148, 146, 148)` looks like.

```
.text, #text, p{  
    color:rgb(148, 146, 148)  
}
```

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(148, 146, 148) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(148, 146, 148) }
```

Border

The CSS property to change the border of an element to XYZ 27.8369, 28.9918, 32.1458 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(148, 146, 148) }
```

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

```
.border{ border-color:rgb(148, 146, 148) }
```

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

Here you see how a box with a 4 pixel `rgb(148, 146, 148)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(148, 146, 148); -webkit-box-  
shadow:4px 4px 4px 4px rgb(148, 146, 148);  
box-shadow:4px 4px 4px 4px rgb(148, 146,  
148) }
```


Background

The CSS property to change the background color of an element to XYZ 27.8369, 28.9918, 32.1458 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(148, 146, 148) }
```

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

```
.background{ background-color: rgb(148,  
146, 148) }
```

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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