

Converting Colors

XYZ(27.7575, 29.9429, 31.0251)

Have a look what the booklet for
XYZ(27.7575, 29.9429, 31.0251)
contains.

XYZ(27.6942, 29.8768, 31.0952)	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(27.6942, 29.8768,
31.0952)**

Conversions

Conversions Part 1

Format	Color
Hex	919691
RGB	145, 150, 145
RGB Percent	57%, 59%, 57%
CMY	0.4314, 0.4117, 0.4314
CMYK	0.03, 0.00, 0.03, 0.41
HSL	120°, 2%, 58%
HSV	120°, 3%, 59%
XYZ	27.6942, 29.8768, 31.0952
YIQ	147.9350, -1.3750, -2.6150

Conversions

Conversions Part 2

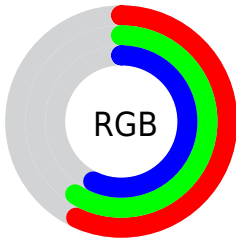
Format	Color
RYB	145, 150, 150
Decimal	9541265
CIELab	61.55, -2.78, 2.00
CIELCh	62, 3.423, 144.323
Yxy	29.8768, 0.3123, 0.3370
Android (android.graphics.Color)	4287731345 (0xFF919691)
YUV	147.9350, -1.4470, -2.5740
Hunter-Lab	54.6597, -5.2145, 4.5324

Details

The XYZ color **27.6942, 29.8768, 31.0952** is a light color, and the websafe version is hex **999999**. A complement of this color would be **28.2092, 28.9375, 32.9543**, and the grayscale version is **28.1282, 29.5930, 32.2268**.

A 20% lighter version of the original color is **55.4549, 59.4514, 62.5853**, and **11.2467, 12.1828, 12.5852** is the 20% darker color. If you saturate the color by 10%, you get **24.1423, 28.1715, 25.2850**, and if you desaturate by 10%, it is **31.7495, 31.8257, 37.7274**.

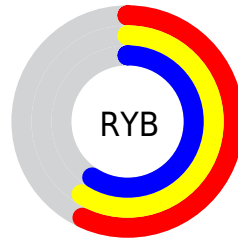
Distribution



Red (57%)

Green (59%)

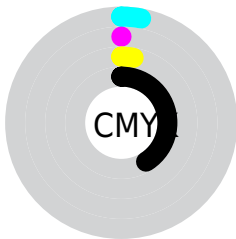
Blue (57%)



Red (57%)

Yellow (59%)

Blue (59%)

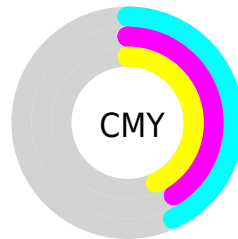


Cyan (3%)

Magenta (0%)

Yellow (3%)

Black (41%)



Cyan (43%)

Magenta (41%)

Yellow (43%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 27.6942, 29.8768, 31.0952 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 27.6942, 29.8768, 31.0952 by changing the saturation by 10% instead.

■ 27.6942, 29.8768,
31.0952

■ 27.6942, 29.8768,
31.0952

283.1094,
301.3298, 321.3414

■ 18.2345, 19.7451,
20.4123

■ 55.4079, 59.4673,
62.4713

■ 11.2192, 12.2099,
12.5080

■ 74.3927, 79.6949,
84.0015

■ 6.2829, 6.8868,
6.9639

97.2832, 104.0565,
109.9845

■ 3.0601, 3.3914,
3.3615

124.4448,
132.9366, 140.8390

■ 1.1856, 1.3393,
1.2820

156.2429,
166.7196, 176.9834

■ 0.0950, 0.1713,
0.0470

193.0428,

■ 0.0000, 0.0000,

205.7899, 218.8362

0.0000

235.2099,
250.5318, 266.8160

■ 27.6942, 29.8768,
31.0952

■ 27.6942, 29.8768,
31.0952

■ 24.1423, 28.1715,
25.2850

■ 31.7495, 31.8257,
37.7274

■ 21.0718, 26.6966,
20.2629

■ 36.3243, 34.0232,
45.2097

■ 18.4629, 25.4434,
15.9955

■ 41.4367, 36.4789,
53.5714

■ 16.2931, 24.4011,
12.4465

■ 47.1035, 39.2010,
62.8399

■ 14.5383, 23.5582,
9.5762

■ 53.3407, 42.1971,
73.0412

■ 13.1722, 22.9020,
7.3415

■ 60.1636, 45.4745,
84.2004

■ 12.1651, 22.4182,
5.6941

■ 67.5870, 49.0403,
96.3416

■ 11.4834, 22.0908,
4.5789

■ 70.1970, 50.2939,
100.6157

■ 11.0869, 21.9004,
3.9303

Harmonies

Analogous

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



28.0392, 29.8768, 30.3067



27.6942, 29.8768, 31.0952



27.5377, 29.8768, 32.2842

Triad

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



27.6942, 29.8768, 31.0952



28.3108, 29.8768, 35.0809



29.1994, 29.8768, 31.5125

Complementary

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



27.6942, 29.8768, 31.0952



28.2092, 28.9375, 32.9543

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.



29.2740, 29.8768, 32.7786



27.6942, 29.8768, 31.0952



28.7578, 29.8768, 34.8611

Square

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



27.6942, 29.8768, 31.0952



27.8912, 29.8768, 34.6029



29.1116, 29.8768, 34.0098



28.9089, 29.8768, 30.5431

Rectangle

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



27.6942, 29.8768, 31.0952



27.5601, 29.8768, 33.1528



29.1116, 29.8768, 34.0098



29.2507, 29.8768, 31.9166

Sweetspot

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



27.6950, 29.8781, 31.0959



50.4498, 53.4827, 57.4534



28.5962, 30.3427, 31.1379



11.1902, 11.8572, 12.7486



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.



27.6950, 29.8781, 31.0959



48.3768, 52.4870, 54.0628



27.8901, 29.9561, 32.1230



6.1030, 6.6478, 6.7978



9.0456, 18.0910, 3.0155



0.1107, 0.2214, 0.0369

Inverse Universe

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



28.2092, 28.9375, 32.9543



49.4809, 50.4670, 58.0540



28.0098, 28.8578, 31.9047



6.2605, 6.3596, 7.3672



14.9965, 7.2037, 24.5266



0.1836, 0.0882, 0.3002

Previews

White Background



This preview shows how the XYZ color 27.6942, 29.8768, 31.0952 looks on a white background.

Color Contrast Check

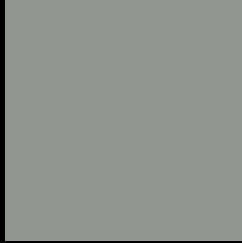
Large Text (above 18pt) WCAG AA ✓ Pass

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 27.6942, 29.8768, 31.0952 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

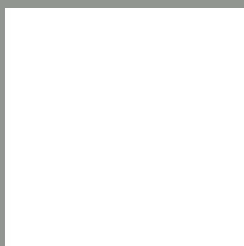
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 27.6942, 29.8768, 31.0952

Background



This preview shows how black text looks on a background with the XYZ color 27.6942, 29.8768, 31.0952.



This preview shows how white text looks on a background with the XYZ color 27.6942, 29.8768,

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

27.6942, 29.8768, 31.0952

Protanopia

28.5728, 29.8688, 30.6449

Deuteranopia

30.4714, 29.9144, 31.3622



Tritanopia

28.8805, 29.8861, 37.0473

Trichromacy



Original Color

27.6942, 29.8768, 31.0952

Protanomaly

28.1759, 29.8981, 30.6714

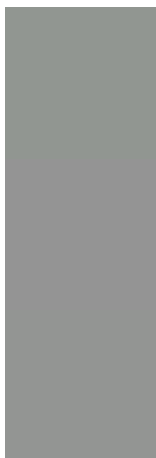
Deuteranomaly

29.3718, 29.8012, 31.3983

Tritanomaly

28.4342, 29.9390, 34.8520

Monochromacy



Original Color

27.6942, 29.8768, 31.0952

Achromatopsia

28.1479, 29.6138, 32.2495

Achromatomaly

28.0465, 29.8045, 31.8784

CSS Examples

Text

The CSS property to change the color of the text to XYZ 27.6942, 29.8768, 31.0952 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(145, 150, 145)` looks like.

```
.text, #text, p{  
    color:rgb(145, 150, 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(145, 150, 145) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(145, 150, 145) }
```

Border

The CSS property to change the border of an element to XYZ 27.6942, 29.8768, 31.0952 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(145, 150, 145) }
```


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

```
.border{ border-color:rgb(145, 150, 145) }
```

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

Here you see how a box with a 4 pixel `rgb(145, 150, 145)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(145, 150, 145); -webkit-box-  
shadow:4px 4px 4px 4px rgb(145, 150, 145);  
box-shadow:4px 4px 4px 4px rgb(145, 150,  
145) }
```

Background

The CSS property to change the background color of an element to XYZ 27.6942, 29.8768, 31.0952 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(145, 150, 145) }
```

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

```
.background{ background-color: rgb(145,  
150, 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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor