

Converting Colors

XYZ(27.4964, 29.2953, 30.3762)

Have a look what the booklet for
XYZ(27.4964, 29.2953, 30.3762)
contains.

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Color

**XYZ(27.4019, 29.2740,
30.1928)**

Conversions

Conversions Part 1	
Format	Color
Hex	92948F
RGB	146, 148, 143
RGB Percent	57%, 58%, 56%
CMY	0.4274, 0.4196, 0.4392
CMYK	0.01, 0.00, 0.03, 0.42
HSL	84°, 2%, 57%
HSV	84°, 3%, 58%
XYZ	27.4019, 29.2740, 30.1928
YIQ	146.8320, 0.4130, -1.9790

Conversions

Conversions Part 2

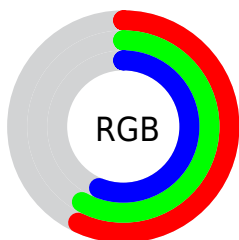
Format	Color
RYB	143, 148, 145
Decimal	9606287
CIELab	61.02, -1.69, 2.38
CIELCh	61, 2.916, 125.366
Yxy	29.2740, 0.3154, 0.3370
Android (android.graphics.Color)	4287796367 (0xFF92948F)
YUV	146.8320, -1.8892, -0.7297
Hunter-Lab	54.1055, -4.2826, 4.7879

Details

The XYZ color **27.4019, 29.2740, 30.1928** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **26.8460, 27.8036, 31.9702**, and the grayscale version is **27.6719, 29.1130, 31.7041**.

A 20% lighter version of the original color is **55.0180, 58.5516, 61.2252**, and **11.0743, 11.8265, 12.0550** is the 20% darker color. If you saturate the color by 10%, you get **25.3280, 28.3268, 24.6241**, and if you desaturate by 10%, it is **29.6801, 30.3111, 36.5445**.

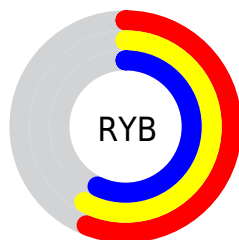
Distribution



Red (57%)

Green (58%)

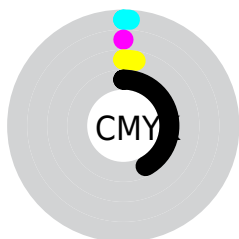
Blue (56%)



Red (56%)

Yellow (58%)

Blue (57%)

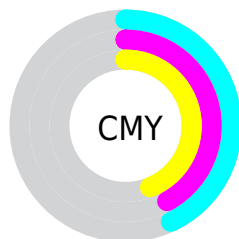


Cyan (1%)

Magenta (0%)

Yellow (3%)

Black (42%)



Cyan (43%)


Magenta (42%)


Yellow (44%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 27.4019, 29.2740, 30.1928 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 27.4019, 29.2740, 30.1928 by changing the saturation by 10% instead.


 27.4019, 29.2740,
30.1928


 27.4019, 29.2740,
30.1928


281.7300,
298.5056, 317.0373

 18.0134, 19.2882,
19.7317


 54.9435, 58.5121,
61.0316

 11.0594, 11.8787,
12.0180


 73.8273, 78.5333,
82.2463

 6.1744, 6.6611,
6.6333


96.6069, 102.6683,
107.8826

 2.9931, 3.2511,
3.1589

123.6478,
131.3016, 138.3591

 1.1501, 1.2642,
1.1763

155.3151,
164.8176, 174.0943

 0.0664, 0.1132,
0.0000


191.9744,


 0.0000, 0.0000,


203.6006, 215.5067

0.0000


233.9909,
248.0352, 263.0148


 27.4019, 29.2740,
30.1928


 27.4019, 29.2740,
30.1928


 25.3280, 28.3268,
24.6241


 29.6801, 30.3111,
36.5445


 23.4492, 27.4630,
19.8062


 32.1662, 31.4368,
43.7060


 21.7595, 26.6808,
15.7074


 34.8671, 32.6549,
51.7051


 20.2514, 25.9774,
12.2932


 37.7885, 33.9678,
60.5677


 18.9169, 25.3493,
9.5260


 40.9357, 35.3777,
70.3187


 17.7474, 24.7930,
7.3647


 44.3141, 36.8868,
80.9818


 16.7332, 24.3046,
5.7636

 47.9287, 38.4972,
92.5800

 15.8634, 23.8795,
4.6702

 50.7359, 39.7916,
99.6142

 15.1253, 23.5126,
4.0225

 52.2812, 40.5882,
99.6865

Harmonies

Analogous

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



27.7556, 29.2740, 29.8295



27.4019, 29.2740, 30.1928



27.1630, 29.2740, 31.0073

Triad

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



27.4019, 29.2740, 30.1928



27.5196, 29.2740, 33.8212



28.5603, 29.2740, 31.6785

Complementary

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



27.4019, 29.2740, 30.1928



26.8460, 27.8036, 31.9702

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.



28.4958, 29.2740, 32.7575



27.4019, 29.2740, 30.1928



27.8927, 29.2740, 34.0107

Square

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



27.4019, 29.2740, 30.1928



27.2305, 29.2740, 33.1051



28.2505, 29.2740, 33.6173



28.4262, 29.2740, 30.6746

Rectangle

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



27.4019, 29.2740, 30.1928



27.0997, 29.2740, 31.7051



28.2505, 29.2740, 33.6173



28.5612, 29.2740, 32.0443

Sweetspot

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



27.4027, 29.2753, 30.1934



49.2638, 52.0692, 55.7903



27.2972, 28.5309, 30.0553



11.2515, 11.8888, 12.7514



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.



27.4027, 29.2753, 30.1934



48.0804, 51.5299, 52.5400



26.9632, 29.0487, 30.1729



6.2666, 6.7321, 6.8054



12.5751, 19.9106, 3.1803



0.1873, 0.2609, 0.0405

Inverse Universe

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



26.8460, 27.8036, 31.9702



46.9001, 48.4099, 56.3067



27.2913, 28.0332, 31.9911



6.0929, 6.2732, 7.3594



6.1484, 2.6422, 24.1170



0.1070, 0.0487, 0.2967

Previews

White Background



This preview shows how the XYZ color 27.4019, 29.2740, 30.1928 looks on a white background.

Color Contrast Check

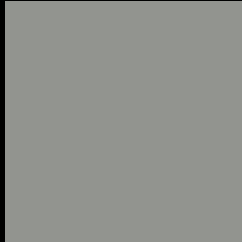
Large Text (above 18pt) WCAG AA ✓ Pass

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 27.4019, 29.2740, 30.1928 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

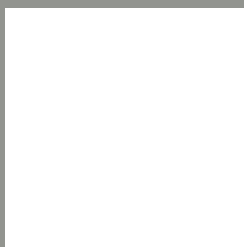
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 27.4019, 29.2740, 30.1928

Background



This preview shows how black text looks on a background with the XYZ color 27.4019, 29.2740, 30.1928.



This preview shows how white text looks on a background with the XYZ color 27.4019, 29.2740,

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

27.4019, 29.2740, 30.1928

Protanopia

28.0787, 29.3997, 29.7860

Deuteranopia

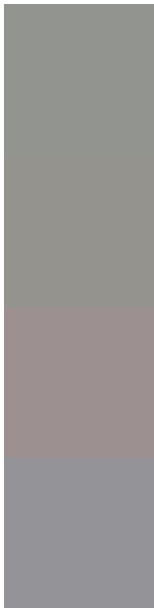
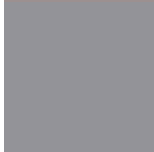
29.6073, 29.0410, 30.4306



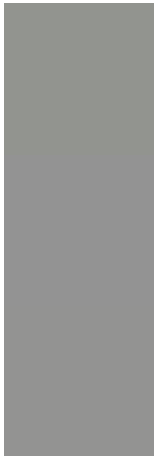
Tritanopia

28.5774, 29.2880, 36.0452

Trichromacy

	Original Color 27.4019, 29.2740, 30.1928
	Protanomaly 27.7106, 29.2100, 29.7688
	Deuteranomaly 28.7176, 29.0281, 30.4750
	Tritanomaly 28.1338, 29.3375, 33.8857

Monochromacy

	Original Color 27.4019, 29.2740, 30.1928
	Achromatopsia 27.7328, 29.1771, 31.7738
	Achromatomaly 27.6546, 29.1458, 31.3623

CSS Examples

Text

The CSS property to change the color of the text to XYZ 27.4019, 29.2740, 30.1928 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(146, 148, 143) looks like.

```
.text, #text, p{  
    color:rgb(146, 148, 143)  
}
```

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(146, 148, 143) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(146, 148, 143) }
```

Border

The CSS property to change the border of an element to XYZ 27.4019, 29.2740, 30.1928 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(146, 148, 143) }
```


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

```
.border{ border-color:rgb(146, 148, 143) }
```

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

Here you see how a box with a 4 pixel rgb(146, 148, 143) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(146, 148, 143); -webkit-box-  
shadow:4px 4px 4px 4px rgb(146, 148, 143);  
box-shadow:4px 4px 4px 4px rgb(146, 148,  
143) }
```

Background

The CSS property to change the background color of an element to XYZ 27.4019, 29.2740, 30.1928 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(146, 148, 143) }
```

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

```
.background{ background-color: rgb(146,  
148, 143) }
```

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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