

Converting Colors

XYZ(27.2169, 29.0173, 30.5149)

Have a look what the booklet for
XYZ(27.2169, 29.0173, 30.5149)
contains.

XYZ(27.1448, 28.9008, 30.5333)	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(27.1448, 28.9008,
30.5333)**

Conversions

Conversions Part 1

Format	Color
Hex	919390
RGB	145, 147, 144
RGB Percent	57%, 58%, 56%
CMY	0.4314, 0.4235, 0.4353
CMYK	0.01, 0.00, 0.02, 0.42
HSL	100°, 1%, 57%
HSV	100°, 2%, 58%
XYZ	27.1448, 28.9008, 30.5333
YIQ	146.0600, -0.2290, -1.3570

Conversions

Conversions Part 2

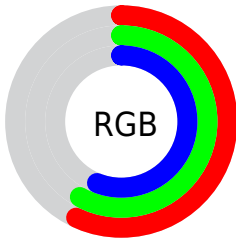
Format	Color
RYB	144, 147, 146
Decimal	9540496
CIELab	60.69, -1.31, 1.32
CIELCh	61, 1.859, 134.664
Yxy	28.9008, 0.3135, 0.3338
Android (android.graphics.Color)	4287730576 (0xFF919390)
YUV	146.0600, -1.0156, -0.9296
Hunter-Lab	53.7595, -3.9489, 3.9572

Details

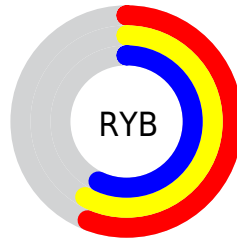
The XYZ color **27.1448, 28.9008, 30.5333** is a light color, and the websafe version is hex **999999**. A complement of this color would be **27.0949, 28.1649, 31.6136**, and the grayscale version is **27.3510, 28.7754, 31.3364**.

A 20% lighter version of the original color is **54.6329, 57.9926, 61.7403**, and **11.0144, 11.7904, 12.2849** is the 20% darker color. If you saturate the color by 10%, you get **24.4398, 27.6287, 24.9186**, and if you desaturate by 10%, it is **30.1469, 30.3109, 36.9269**.

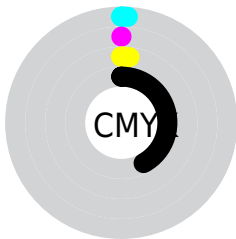
Distribution



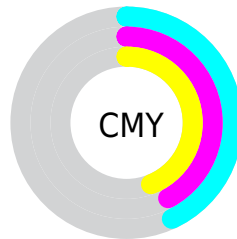
- Red (57%)
- Green (58%)
- Blue (56%)



- Red (56%)
- Yellow (58%)
- Blue (57%)



- Cyan (1%)
- Magenta (0%)
- Yellow (2%)
- Black (42%)



- Cyan (43%)
- Magenta (42%)
- Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 27.1448, 28.9008, 30.5333 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 27.1448, 28.9008, 30.5333 by changing the saturation by 10% instead.

■ 27.1448, 28.9008,
30.5333

■ 27.1448, 28.9008,
30.5333

280.5123,
296.7466, 318.6668

■ 17.8192, 19.0058,
19.9883

■ 54.5344, 57.9194,
61.5755

■ 10.9191, 11.6745,
12.2025

■ 73.3290, 77.8119,
82.9097

■ 6.0794, 6.5224,
6.7575

96.0107, 101.8055,
108.6774

■ 2.9345, 3.1653,
3.2348

122.9448,
130.2849, 139.2971

■ 1.1192, 1.2186,
1.2157

154.4967,
163.6342, 175.1873

■ 0.0411, 0.0768,
0.0000

191.0316,

■ 0.0000, 0.0000,

202.2381, 216.7667

0.0000

232.9151,
246.4807, 264.4536

■ 27.1448, 28.9008,
30.5333

■ 27.1448, 28.9008,
30.5333

■ 24.4398, 27.6287,
24.9186

■ 30.1469, 30.3109,
36.9269

■ 22.0202, 26.4865,
20.0512

■ 33.4526, 31.8591,
44.1256

■ 19.8769, 25.4713,
15.9001

■ 37.0713, 33.5506,
52.1568

■ 17.9994, 24.5782,
12.4314

■ 41.0112, 35.3890,
61.0459

■ 16.3765, 23.8024,
9.6085

■ 45.2800, 37.3778,
70.8173

■ 14.9962, 23.1384,
7.3914

■ 49.8855, 39.5205,
81.4944

■ 13.8454, 22.5806,
5.7356

■ 54.8350, 41.8203,
93.0998

■ 12.9095, 22.1225,
4.5905

■ 59.0538, 43.8477,
99.9587

■ 12.1718, 21.7569,
3.8962

■ 62.1713, 45.4549,
100.1046

Harmonies

Analogous

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



27.3522, 28.9008, 30.2012



27.1448, 28.9008, 30.5333



27.0247, 28.9008, 31.1183

Triad

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



27.1448, 28.9008, 30.5333



27.3469, 28.9008, 32.7657



27.9202, 28.9008, 31.1332

Complementary

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



27.1448, 28.9008, 30.5333



27.0949, 28.1649, 31.6136

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.



27.9188, 28.9008, 31.8205



27.1448, 28.9008, 30.5333



27.5868, 28.9008, 32.7699

Square

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



27.1448, 28.9008, 30.5333



27.1410, 28.9008, 32.4105



27.7965, 28.9008, 32.4217



27.8003, 28.9008, 30.5441

Rectangle

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



27.1448, 28.9008, 30.5333



27.0099, 28.9008, 31.5761



27.7965, 28.9008, 32.4217



27.9339, 28.9008, 31.3602

Sweetspot

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



27.1456, 28.9020, 30.5339



49.1361, 52.0034, 55.7843



27.3467, 28.7757, 30.4989



11.2242, 11.8748, 12.7502



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.



27.1456, 28.9020, 30.5339



48.6121, 51.7571, 54.6806



27.0086, 28.8270, 30.7276



6.3755, 6.7800, 7.1844



10.1654, 18.6683, 3.0676



0.1532, 0.2433, 0.0389

Inverse Universe

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



27.0949, 28.1649, 31.6136



48.5215, 50.4380, 56.6127



27.2343, 28.2413, 31.4155



6.3647, 6.6240, 7.4128



8.9646, 4.0940, 24.2488



0.1410, 0.0663, 0.2983

Previews

White Background



This preview shows how the XYZ color 27.1448, 28.9008, 30.5333 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 27.1448, 28.9008, 30.5333 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

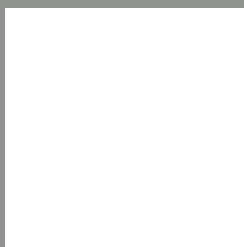
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 27.1448, 28.9008, 30.5333

Background



This preview shows how black text looks on a background with the XYZ color 27.1448, 28.9008, 30.5333.



This preview shows how white text looks on a background with the XYZ color 27.1448, 28.9008,

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

27.1448, 28.9008, 30.5333

Protanopia

27.8145, 29.0250, 30.1230

Deuteranopia

29.4818, 28.9674, 30.8255



Tritanopia

28.2438, 28.8882, 35.9857

Trichromacy



Original Color

27.1448, 28.9008, 30.5333

Protanomaly

27.4496, 28.8368, 30.1059

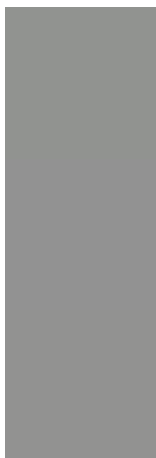
Deuteranomaly

28.6017, 28.9594, 30.8703

Tritanomaly

27.8004, 28.9358, 33.8257

Monochromacy



Original Color

27.1448, 28.9008, 30.5333

Achromatopsia

27.3213, 28.7441, 31.3023

Achromatomaly

27.2438, 28.7131, 30.8943

CSS Examples

Text

The CSS property to change the color of the text to XYZ 27.1448, 28.9008, 30.5333 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, 147, 144)` looks like.

```
.text, #text, p{  
    color:rgb(145, 147, 144)  
}
```

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, 147, 144) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(145, 147, 144) }
```

Border

The CSS property to change the border of an element to XYZ 27.1448, 28.9008, 30.5333 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, 147, 144) }
```


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

```
.border{ border-color:rgb(145, 147, 144) }
```

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

Here you see how a box with a 4 pixel `rgb(145, 147, 144)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(145, 147, 144); -webkit-box-  
shadow:4px 4px 4px 4px rgb(145, 147, 144);  
box-shadow:4px 4px 4px 4px rgb(145, 147,  
144) }
```

Background

The CSS property to change the background color of an element to XYZ 27.1448, 28.9008, 30.5333 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(145, 147, 144) }
```

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

```
.background{ background-color: rgb(145,  
147, 144) }
```

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