

Converting Colors

XYZ(27.4849, 28.8924, 30.5140)

Have a look what the booklet for
XYZ(27.4849, 28.8924, 30.5140)
contains.

XYZ(27.5257, 28.8673, 30.5067)	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(27.5257, 28.8673,
30.5067)**

Conversions

Conversions Part 1

Format	Color
Hex	949290
RGB	148, 146, 144
RGB Percent	58%, 57%, 56%
CMY	0.4196, 0.4274, 0.4353
CMYK	0.00, 0.01, 0.03, 0.42
HSL	30°, 2%, 57%
HSV	30°, 3%, 58%
XYZ	27.5257, 28.8673, 30.5067
YIQ	146.3700, 1.8340, -0.1980

Conversions

Conversions Part 2

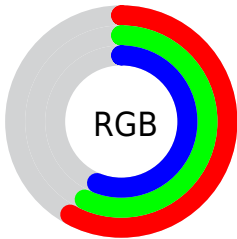
Format	Color
R_{YB}	148, 148, 144
Decimal	9736848
CIE Lab	60.66, 0.35, 1.31
CIE LCh	61, 1.356, 74.884
Yxy	28.8673, 0.3168, 0.3322
Android (android.graphics.Color)	4287926928 (0xFF949290)
YUV	146.3700, -1.1684, 1.4295
Hunter-Lab	53.7283, -2.5767, 3.9452

Details

The XYZ color **27.5257, 28.8673, 30.5067** is a light color, and the websafe version is hex **999999**. A complement of this color would be **27.1258, 28.6248, 32.1129**, and the grayscale version is **27.4783, 28.9093, 31.4822**.

A 20% lighter version of the original color is **55.2044, 57.9423, 61.7005**, and **11.1330, 11.7153, 12.2642** is the 20% darker color. If you saturate the color by 10%, you get **25.3655, 26.2398, 24.5668**, and if you desaturate by 10%, it is **29.9095, 31.7040, 37.2535**.

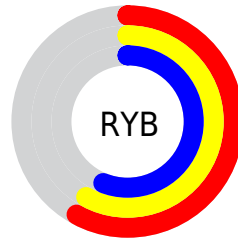
Distribution



Red (58%)

Green (57%)

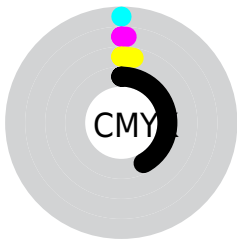
Blue (56%)



Red (58%)

Yellow (58%)

Blue (56%)

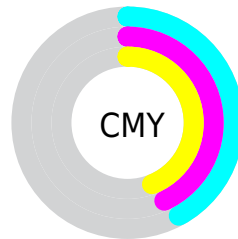


Cyan (0%)

Magenta (1%)

Yellow (3%)

Black (42%)



Cyan (42%)

Magenta (43%)

Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 27.5257, 28.8673, 30.5067 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 27.5257, 28.8673, 30.5067 by changing the saturation by 10% instead.

■ 27.5257, 28.8673,
30.5067

■ 27.5257, 28.8673,
30.5067

282.3149,
296.5883, 318.5397

■ 18.1071, 18.9805,
19.9682

■ 55.1403, 57.8662,
61.5330

■ 11.1270, 11.6562,
12.1881

■ 74.0669, 77.7470,
82.8579

■ 6.2203, 6.5100,
6.7478

96.8935, 101.7280,
108.6154

■ 3.0214, 3.1576,
3.2288

123.9856,
130.1934, 139.2239

■ 1.1651, 1.2146,
1.2126

155.7084,
163.5278, 175.1021

■ 0.0785, 0.0735,
0.0000

192.4273,

■ 0.0000, 0.0000,

202.1155, 216.6684

0.0000

234.5077,
246.3409, 264.3414

■ 27.5257, 28.8673,
30.5067

■ 27.5257, 28.8673,
30.5067

■ 25.3655, 26.2398,
24.5668

■ 29.9095, 31.7040,
37.2535

■ 23.4193, 23.8126,
19.4014

■ 32.5213, 34.7510,
44.8344

■ 21.6806, 21.5817,
14.9785

■ 35.3683, 38.0141,
53.2774

■ 20.1412, 19.5416,
11.2632

■ 38.4567, 41.4979,
62.6089

■ 18.7926, 17.6865,
8.2178

■ 41.7924, 45.2068,
72.8538

■ 17.6255, 16.0100,
5.8009

■ 45.3812, 49.1450,
84.0364

■ 16.6296, 14.5056,
3.9667

■ 49.2284, 53.3165,
96.1799

■ 15.7935, 13.1658,
2.6629

■ 52.1247, 57.2395,
102.9088

■ 15.1036, 11.9826,
1.8274

■ 53.9360, 60.8622,
103.5126

Harmonies

Analogous

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



27.6776, 28.8673, 30.7537



27.5257, 28.8673, 30.5067



27.3508, 28.8673, 30.5057

Triad

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



27.5257, 28.8673, 30.5067



27.1123, 28.8673, 31.6808



27.6766, 28.8673, 32.1221

Complementary

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



27.5257, 28.8673, 30.5067



27.1258, 28.6248, 32.1129

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.



27.5244, 28.8673, 32.3760



27.5257, 28.8673, 30.5067



27.1988, 28.8673, 32.1193

Square

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



27.5257, 28.8673, 30.5067



27.1126, 28.8673, 31.1799



27.3495, 28.8673, 32.3750



27.7650, 28.8673, 31.6846

Rectangle

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



27.5257, 28.8673, 30.5067



27.2447, 28.8673, 30.6445



27.3495, 28.8673, 32.3750



27.6312, 28.8673, 32.2320

Sweetspot

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



27.5265, 28.8685, 30.5073



49.2482, 51.7524, 55.7300



27.3747, 28.3182, 31.2177



11.2482, 11.8210, 12.7385



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.



27.5265, 28.8685, 30.5073



48.4255, 50.7644, 53.4293



27.8371, 29.4898, 30.6109



6.3053, 6.6048, 6.9024



12.5561, 9.6265, 1.1963



0.1831, 0.1767, 0.0245

Inverse Universe

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



27.1258, 28.6248, 32.1129



47.6269, 50.2787, 56.6291



26.8206, 28.0143, 32.0112



6.1801, 6.5286, 7.4042



6.6792, 6.0531, 24.7474



0.1112, 0.1329, 0.3127

Previews

White Background



This preview shows how the XYZ color 27.5257, 28.8673, 30.5067 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 27.5257, 28.8673, 30.5067 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

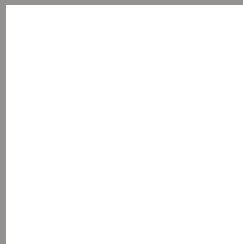
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 27.5257, 28.8673, 30.5067

Background



This preview shows how black text looks on a background with the XYZ color 27.5257, 28.8673, 30.5067.



This preview shows how white text looks on a background with the XYZ color 27.5257, 28.8673,

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

27.5257, 28.8673, 30.5067

Protanopia

27.7074, 28.9609, 30.5152

Deuteranopia

29.4818, 28.9674, 30.8255



Tritanopia

28.5517, 28.8308, 35.5126

Trichromacy



Original Color

27.5257, 28.8673, 30.5067

Protanomaly

27.7074, 28.9609, 30.5152

Deuteranomaly

28.6436, 28.7572, 30.8291

Tritanomaly

28.1873, 28.9074, 33.7998

Monochromacy



Original Color

27.5257, 28.8673, 30.5067

Achromatopsia

27.3213, 28.7441, 31.3023

Achromatomaly

27.4223, 28.8051, 30.9027

CSS Examples

Text

The CSS property to change the color of the text to XYZ 27.5257, 28.8673, 30.5067 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, 144)` looks like.

```
.text, #text, p{  
    color:rgb(148, 146, 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(148, 146, 144) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(148, 146, 144) }
```

Border

The CSS property to change the border of an element to XYZ 27.5257, 28.8673, 30.5067 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, 144) }
```


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

```
.border{ border-color:rgb(148, 146, 144) }
```

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, 144)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(148, 146, 144); -webkit-box-  
shadow:4px 4px 4px 4px rgb(148, 146, 144);  
box-shadow:4px 4px 4px 4px rgb(148, 146,  
144) }
```

Background

The CSS property to change the background color of an element to XYZ 27.5257, 28.8673, 30.5067 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, 144) }
```

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

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

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