

Converting Colors

XYZ(30.1333, 33.8822, 28.8941)

Have a look what the booklet for
XYZ(30.1333, 33.8822, 28.8941)
contains.

XYZ(30.0948, 33.9040, 29.0027)	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(30.0948, 33.9040,
29.0027)**

Conversions

Conversions Part 1

Format	Color
Hex	97A18A
RGB	151, 161, 138
RGB Percent	59%, 63%, 54%
CMY	0.4078, 0.3686, 0.4588
CMYK	0.06, 0.00, 0.14, 0.37
HSL	86°, 11%, 59%
HSV	86°, 14%, 63%
XYZ	30.0948, 33.9040, 29.0027
YIQ	155.3880, 1.4230, -9.2730

Conversions

Conversions Part 2

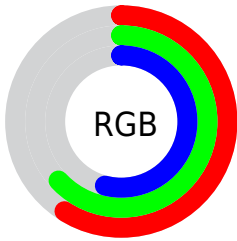
Format	Color
RYB	138, 161, 148
Decimal	9937290
CIELab	64.89, -7.86, 10.78
CIELCh	65, 13.336, 126.098
Yxy	33.9040, 0.3236, 0.3646
Android (android.graphics.Color)	4288127370 (0xFF97A18A)
YUV	155.3880, -8.5723, -3.8483
Hunter-Lab	58.2271, -9.6395, 11.2269

Details

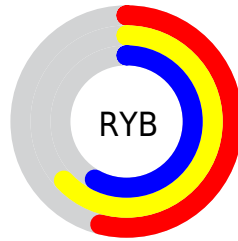
The XYZ color **30.0948, 33.9040, 29.0027** is a light color, and the websafe version is hex **999999**. A complement of this color would be **27.7355, 27.0470, 37.4787**, and the grayscale version is **31.3648, 32.9982, 35.9350**.

A 20% lighter version of the original color is **59.1367, 65.8525, 58.8842**, and **12.4856, 14.3512, 11.3445** is the 20% darker color. If you saturate the color by 10%, you get **27.7537, 32.8230, 23.2529**, and if you desaturate by 10%, it is **32.6877, 35.0969, 35.6678**.

Distribution



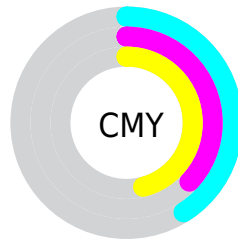
- Red (59%)
- Green (63%)
- Blue (54%)



- Red (54%)
- Yellow (63%)
- Blue (58%)



- Cyan (6%)
- Magenta (0%)
- Yellow (14%)
- Black (37%)



- Cyan (41%)
- Magenta (37%)
- Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 30.0948, 33.9040, 29.0027 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 30.0948, 33.9040, 29.0027 by changing the saturation by 10% instead.

■ 30.0948, 33.9040,
29.0027

■ 30.0948, 33.9040,
29.0027

294.2480,
319.7038, 311.2890

■ 20.0590, 22.8199,
18.8373

■ 59.1977, 65.7844,
59.1236

■ 12.5464, 14.4605,
11.3771

■ 78.9954, 87.3494,
79.9162

■ 7.1918, 8.4417,
6.2037

■ 102.7779,
113.1768, 105.0882

■ 3.6297, 4.3788,
2.8986

130.9104,
143.6510, 135.0582

■ 1.4949, 1.8877,
1.0431

163.7583,
179.1564, 170.2448

■ 0.3223, 0.5409,
0.0000

201.6870,

■ 0.0000, 0.0000,

220.0774, 211.0664

0.0000

245.0617,
266.7984, 257.9416

■ 30.0948, 33.9040,
29.0027

■ 30.0948, 33.9040,
29.0027

■ 27.7537, 32.8230,
23.2529

■ 32.6877, 35.0969,
35.6678

■ 25.6528, 31.8457,
18.3761

■ 35.5382, 36.4008,
43.2835

■ 23.7836, 30.9697,
14.3303

■ 38.6551, 37.8204,
51.8858

■ 22.1357, 30.1907,
11.0688

■ 42.0460, 39.3590,
61.5085

■ 20.6981, 29.5040,
8.5405

■ 45.7181, 41.0196,
72.1834

■ 19.4584, 28.9046,
6.6881

■ 49.6786, 42.8051,
83.9412

■ 18.4026, 28.3868,
5.4460

■ 53.9340, 44.7184,
96.8112

■ 17.5141, 27.9435,
4.7347

■ 56.5313, 45.9784,
100.5029

■ 17.0588, 27.7146,
4.4504

■ 58.5313, 47.0094,
100.5965

Harmonies

Analogous

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



31.8335, 33.9040, 27.3548



30.0948, 33.9040, 29.0027



28.9608, 33.9040, 32.7889

Triad

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



30.0948, 33.9040, 29.0027



30.7496, 33.9040, 47.4690



36.0433, 33.9040, 35.8021

Complementary

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



30.0948, 33.9040, 29.0027



27.7355, 27.0470, 37.4787

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.



35.7251, 33.9040, 41.3750



30.0948, 33.9040, 29.0027



32.6192, 33.9040, 48.4792

Square

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



30.0948, 33.9040, 29.0027



29.3282, 33.9040, 43.5134



34.4529, 33.9040, 46.1511



35.3059, 33.9040, 31.0211

Rectangle

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



30.0948, 33.9040, 29.0027



28.6744, 33.9040, 36.1997



34.4529, 33.9040, 46.1511



36.0566, 33.9040, 37.6411

Sweetspot

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



30.0957, 33.9055, 29.0034



58.6413, 62.8997, 64.1458



29.8713, 30.5826, 28.3739



12.7844, 13.7597, 13.8675



76.7382, 80.7346, 87.9200



13.3056, 13.9985, 15.2444

Same Dimension

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



30.0957, 33.9055, 29.0034



52.5778, 60.1106, 48.6477



28.0701, 32.8612, 28.9086



7.3506, 8.0832, 7.5529



13.6710, 22.1581, 3.5564



0.3402, 0.4929, 0.0772

Inverse Universe

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



27.7355, 27.0470, 37.4787



47.5599, 45.5283, 66.6677



29.9136, 28.1698, 37.5807



6.9790, 7.0035, 8.8871



7.2011, 3.1188, 27.1522



0.2051, 0.0933, 0.5730

Previews

White Background



This preview shows how the XYZ color 30.0948, 33.9040, 29.0027 looks on a white background.

Color Contrast Check

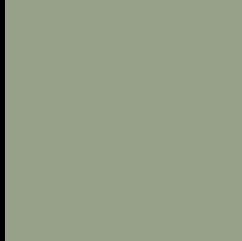
Large Text (above 18pt) WCAG AA × Fail

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 30.0948, 33.9040, 29.0027 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 ✓ Pass

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

XYZ 30.0948, 33.9040, 29.0027

Background



This preview shows how black text looks on a background with the XYZ color 30.0948, 33.9040, 29.0027.



This preview shows how white text looks on a background with the XYZ color 30.0948, 33.9040,

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

30.0948, 33.9040, 29.0027

Protanopia

32.0180, 33.8908, 28.1466

Deuteranopia

34.5523, 33.9336, 29.5397



Tritanopia

32.9287, 34.0464, 42.3722

Trichromacy



Original Color

30.0948, 33.9040, 29.0027

Protanomaly

31.2394, 33.7334, 28.5316

Deuteranomaly

32.7437, 33.7418, 29.2131

Tritanomaly

31.7248, 33.7924, 37.1983

Monochromacy



Original Color

30.0948, 33.9040, 29.0027

Achromatopsia

31.1553, 32.7778, 35.6950

Achromatomaly

30.8082, 33.1539, 33.2093

CSS Examples

Text

The CSS property to change the color of the text to XYZ 30.0948, 33.9040, 29.0027 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(151, 161, 138)` looks like.

```
.text, #text, p{  
    color:rgb(151, 161, 138)  
}
```

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(151, 161, 138) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(151, 161, 138) }
```

Border

The CSS property to change the border of an element to XYZ 30.0948, 33.9040, 29.0027 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(151, 161, 138) }
```


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

```
.border{ border-color:rgb(151, 161, 138) }
```

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

Here you see how a box with a 4 pixel `rgb(151, 161, 138)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(151, 161, 138); -webkit-box-  
shadow:4px 4px 4px 4px rgb(151, 161, 138);  
box-shadow:4px 4px 4px 4px rgb(151, 161,  
138) }
```

Background

The CSS property to change the background color of an element to XYZ 30.0948, 33.9040, 29.0027 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(151, 161, 138) }
```

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

```
.background{ background-color: rgb(151,  
161, 138) }
```

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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