

Converting Colors

XYZ(28.5108, 30.3009, 31.4415)

Have a look what the booklet for
XYZ(28.5108, 30.3009, 31.4415)
contains.

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Color

**XYZ(28.4891, 30.2776,
31.5367)**

Conversions

Conversions Part 1

Format	Color
Hex	959692
RGB	149, 150, 146
RGB Percent	58%, 59%, 57%
CMY	0.4157, 0.4117, 0.4274
CMYK	0.01, 0.00, 0.03, 0.41
HSL	75°, 2%, 58%
HSV	75°, 3%, 59%
XYZ	28.4891, 30.2776, 31.5367
YIQ	149.2450, 0.6880, -1.4560

Conversions

Conversions Part 2

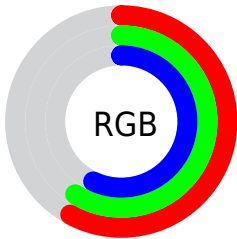
Format	Color
RYB	146, 150, 147
Decimal	9803410
CIELab	61.89, -1.13, 1.97
CIELCh	62, 2.271, 119.760
Yxy	30.2776, 0.3155, 0.3353
Android (android.graphics.Color)	4287993490 (0xFF959692)
YUV	149.2450, -1.5998, -0.2149
Hunter-Lab	55.0251, -3.8760, 4.5365

Details

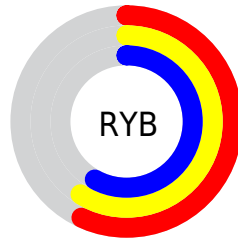
The XYZ color **28.4891, 30.2776, 31.5367** is a light color, and the websafe version is hex **999999**. A complement of this color would be **27.8176, 28.9636, 32.9801**, and the grayscale version is **28.6773, 30.1707, 32.8559**.

A 20% lighter version of the original color is **56.6468, 60.0524, 63.2492**, and **11.6102, 12.3649, 12.8411** is the 20% darker color. If you saturate the color by 10%, you get **26.7237, 29.4945, 25.7575**, and if you desaturate by 10%, it is **30.4314, 31.1360, 38.1248**.

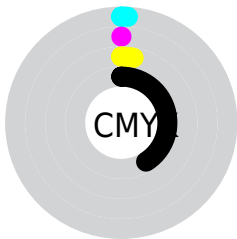
Distribution



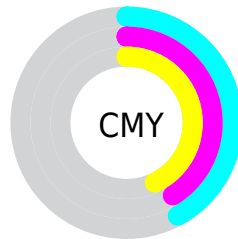
- Red (58%)
- Green (59%)
- Blue (57%)



- Red (57%)
- Yellow (59%)
- Blue (58%)



- Cyan (1%)
- Magenta (0%)
- Yellow (3%)
- Black (41%)



- Cyan (42%)
- Magenta (41%)
- Yellow (43%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 28.4891, 30.2776, 31.5367 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 28.4891, 30.2776, 31.5367 by changing the saturation by 10% instead.

■ 28.4891, 30.2776,
31.5367

■ 28.4891, 30.2776,
31.5367

286.8346,
303.1963, 323.4308

■ 18.8370, 20.0494,
20.7460

■ 56.6676, 60.1009,
63.1735

■ 11.6559, 12.4310,
12.7490

■ 75.9247, 80.4648,
84.8567

■ 6.5803, 7.0379,
7.1273

99.1141, 104.9760,
111.0078

■ 3.2450, 3.4858,
3.4622

126.6013,
134.0190, 142.0453

■ 1.2846, 1.3903,
1.3352

158.7516,
167.9781, 178.3879

■ 0.1717, 0.2096,
0.0904

195.9304,

■ 0.0000, 0.0000,

207.2378, 220.4539

0.0000

238.5029,
252.1824, 268.6620

■ 28.4891, 30.2776,
31.5367

■ 28.4891, 30.2776,
31.5367

■ 26.7237, 29.4945,
25.7575

■ 30.4314, 31.1360,
38.1248

■ 25.1267, 28.7803,
20.7539

■ 32.5540, 32.0681,
45.5492

■ 23.6923, 28.1336,
16.4935

■ 34.8631, 33.0774,
53.8385

■ 22.4135, 27.5517,
12.9407

■ 37.3641, 34.1661,
63.0195

■ 21.2829, 27.0315,
10.0570

■ 40.0620, 35.3362,
73.1177

■ 20.2923, 26.5697,
7.8002

■ 42.9616, 36.5896,
84.1575

■ 19.4324, 26.1627,
6.1234

■ 46.0676, 37.9283,
96.1626

■ 18.6930, 25.8062,
4.9730

■ 47.5616, 38.6249,
99.5563

■ 18.0617, 25.4953,
4.2857

■ 48.4424, 39.0790,
99.5976

Harmonies

Analogous

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



28.7804, 30.2776, 31.3231



28.4891, 30.2776, 31.5367



28.2765, 30.2776, 32.1321

Triad

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



28.4891, 30.2776, 31.5367



28.4849, 30.2776, 34.4330



29.3658, 30.2776, 32.9742

Complementary

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



28.4891, 30.2776, 31.5367



27.8176, 28.9636, 32.9801

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.



29.2853, 30.2776, 33.8165



28.4891, 30.2776, 31.5367



28.7755, 30.2776, 34.6678

Square

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



28.4891, 30.2776, 31.5367



28.2740, 30.2776, 33.8042



29.0687, 30.2776, 34.4402



29.2878, 30.2776, 32.1441

Rectangle

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



28.4891, 30.2776, 31.5367



28.2072, 30.2776, 32.6708



29.0687, 30.2776, 34.4402



29.3564, 30.2776, 33.2653

Sweetspot

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



28.4899, 30.2789, 31.5374



50.8190, 53.6731, 57.4705



28.2007, 29.4277, 31.3883



11.2669, 11.8968, 12.7522



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.



28.4899, 30.2789, 31.5374



50.1482, 53.3762, 55.2286



28.1282, 30.0924, 31.5204



6.3460, 6.7704, 6.9322



14.6627, 20.9868, 3.2780



0.2064, 0.2708, 0.0414

Inverse Universe

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



27.8176, 28.9636, 32.9801



48.7916, 50.7220, 58.1400



28.1793, 29.1500, 32.9971



6.1397, 6.3667, 7.3750



5.2418, 2.1748, 24.0745



0.0879, 0.0388, 0.2958

Previews

White Background



This preview shows how the XYZ color 28.4891, 30.2776, 31.5367 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 28.4891, 30.2776, 31.5367 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 28.4891, 30.2776, 31.5367

Background



This preview shows how black text looks on a background with the XYZ color 28.4891, 30.2776, 31.5367.



This preview shows how white text looks on a background with the XYZ color 28.4891, 30.2776,

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

28.4891, 30.2776, 31.5367

Protanopia

28.9951, 30.3115, 31.1106

Deuteranopia

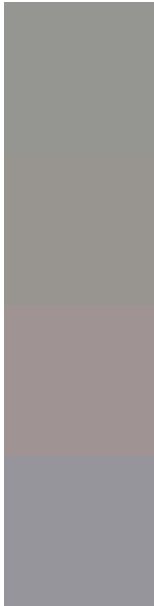
30.9089, 30.3567, 31.8341



Tritanopia

29.6976, 30.2972, 37.5404

Trichromacy



Original Color

28.4891, 30.2776, 31.5367

Protanomaly

28.8072, 30.2146, 31.1018

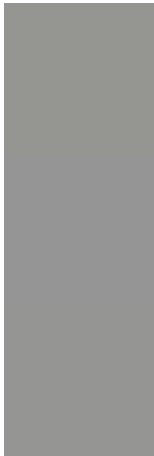
Deuteranomaly

29.9983, 30.3449, 31.8798

Tritanomaly

29.2415, 30.3455, 35.3264

Monochromacy



Original Color

28.4891, 30.2776, 31.5367

Achromatopsia

28.5667, 30.0544, 32.7292

Achromatomaly

28.4872, 30.0226, 32.3105

CSS Examples

Text

The CSS property to change the color of the text to XYZ 28.4891, 30.2776, 31.5367 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(149, 150, 146)` looks like.

```
.text, #text, p{  
    color:rgb(149, 150, 146)  
}
```

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(149, 150, 146) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(149, 150, 146) }
```

Border

The CSS property to change the border of an element to XYZ 28.4891, 30.2776, 31.5367 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(149, 150, 146) }
```


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

```
.border{ border-color:rgb(149, 150, 146) }
```

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

Here you see how a box with a 4 pixel `rgb(149, 150, 146)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(149, 150, 146); -webkit-box-  
shadow:4px 4px 4px 4px rgb(149, 150, 146);  
box-shadow:4px 4px 4px 4px rgb(149, 150,  
146) }
```

Background

The CSS property to change the background color of an element to XYZ 28.4891, 30.2776, 31.5367 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(149, 150, 146) }
```

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

```
.background{ background-color: rgb(149,  
150, 146) }
```

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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