

Converting Colors

XYZ(30.7281, 29.2481, 31.6955)

Have a look what the booklet for
XYZ(30.7281, 29.2481, 31.6955)
contains.

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Color

**XYZ(30.5809, 29.0782,
31.6046)**

Conversions

Conversions Part 1

Format	Color
Hex	A78C93
RGB	167, 140, 147
RGB Percent	65%, 55%, 58%
CMY	0.3451, 0.4510, 0.4235
CMYK	0.00, 0.16, 0.12, 0.35
HSL	344°, 13%, 60%
HSV	344°, 16%, 65%
XYZ	30.5809, 29.0782, 31.6046
YIQ	148.8710, 13.8450, 7.9010

Conversions

Conversions Part 2

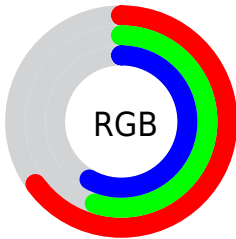
Format	Color
RYB	167, 140, 147
Decimal	10980499
CIELab	60.85, 11.36, 0.08
CIELCh	61, 11.363, 0.398
Yxy	29.0782, 0.3351, 0.3186
Android (android.graphics.Color)	4289170579 (0xFFA78C93)
YUV	148.8710, -0.9224, 15.8991
Hunter-Lab	53.9242, 6.8616, 2.9975

Details

The XYZ color **30.5809, 29.0782, 31.6046** is a light color, and the websafe version is hex **999999**. A complement of this color would be **30.9802, 35.7517, 38.5274**, and the grayscale version is **28.5132, 29.9981, 32.6679**.

A 20% lighter version of the original color is **59.9586, 58.3302, 63.3570**, and **12.8841, 11.8202, 12.9117** is the 20% darker color. If you saturate the color by 10%, you get **27.4043, 24.1958, 26.0109**, and if you desaturate by 10%, it is **34.2339, 34.7456, 37.8730**.

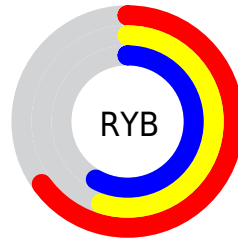
Distribution



Red (65%)

Green (55%)

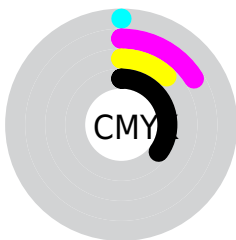
Blue (58%)



Red (65%)

Yellow (55%)

Blue (58%)

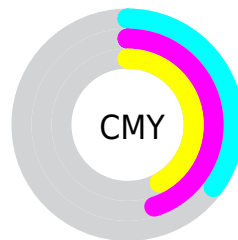


Cyan (0%)

Magenta (16%)

Yellow (12%)

Black (35%)



Cyan (35%)

Magenta (45%)

Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 30.5809, 29.0782, 31.6046 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 30.5809, 29.0782, 31.6046 by changing the saturation by 10% instead.

■ 30.5809, 29.0782,
31.6046

■ 30.5809, 29.0782,
31.6046

296.4643,
297.5837, 323.7512

■ 20.4302, 19.1400,
20.7974

■ 59.9600, 58.2013,
63.2814

■ 12.8182, 11.7715,
12.7862

■ 79.9190, 78.1550,
84.9880

■ 7.3796, 6.5883,
7.1525

■ 103.8783,
102.2160, 111.1649

■ 3.7491, 3.2060,
3.4777

132.2030,
130.7686, 142.2305

■ 1.5612, 1.2402,
1.3434

165.2587,
164.1973, 178.6034

■ 0.3669, 0.0942,
0.0970

203.4105,

■ 0.0000, 0.0000,

202.8865, 220.7021

0.0000

247.0240,
247.2205, 268.9452

■ 30.5809, 29.0782,
31.6046

■ 30.5809, 29.0782,
31.6046

■ 27.4043, 24.1958,
26.0109

■ 34.2339, 34.7456,
37.8730

■ 24.6818, 20.0601,
21.0672

■ 38.3796, 41.2267,
44.8359

■ 22.3928, 16.6350,
16.7498

■ 43.0365, 48.5532,
52.5148

■ 20.5142, 13.8801,
13.0332

■ 48.2214, 56.7542,
60.9294

■ 19.0206, 11.7511,
9.8896

■ 53.9504, 65.8573,
70.0989

■ 17.8837, 10.1979,
7.2893

■ 60.2389, 75.8890,
80.0416

■ 17.0712, 9.1630,
5.1993

■ 66.4909, 85.6533,
90.5718

■ 16.5401, 8.5682,
3.5813

■ 68.3273, 86.3879,
100.2421

■ 16.3778, 8.3921,
3.0695

■ 69.7465, 86.9556,
107.7158

Harmonies

Analogous

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



30.1855, 29.0782, 35.8579



30.5809, 29.0782, 31.6046



30.1646, 29.0782, 27.7156

Triad

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



30.5809, 29.0782, 31.6046



26.2235, 29.0782, 25.1420



26.2566, 29.0782, 39.2852

Complementary

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



30.5809, 29.0782, 31.6046



30.9802, 35.7517, 38.5274

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.



25.2565, 29.0782, 35.9646



30.5809, 29.0782, 31.6046



25.2379, 29.0782, 27.8055

Square

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



30.5809, 29.0782, 31.6046



27.6182, 29.0782, 24.1941



24.8902, 29.0782, 31.7179



27.6577, 29.0782, 40.5255

Rectangle

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



30.5809, 29.0782, 31.6046



29.4910, 29.0782, 25.7904



24.8902, 29.0782, 31.7179



25.8642, 29.0782, 38.3615

Sweetspot

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



30.5817, 29.0795, 31.6052



62.0654, 63.4036, 69.1078



30.8114, 29.0005, 40.5334



13.7826, 14.0225, 15.2846



80.6108, 84.8088, 92.3568



14.7206, 15.4872, 16.8656

Same Dimension

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



30.5817, 29.0795, 31.6052



52.8703, 49.1502, 53.2893



30.9961, 30.7605, 29.1161



7.6080, 7.5730, 8.2527



12.5499, 6.4287, 2.4414



0.3257, 0.1645, 0.1664

Inverse Universe

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



30.5817, 29.0795, 31.6052



52.8703, 49.1502, 53.2893



30.4838, 33.7514, 41.4677



7.6080, 7.5730, 8.2527



12.5499, 6.4287, 2.4414



0.3257, 0.1645, 0.1664

Previews

White Background



This preview shows how the XYZ color 30.5809, 29.0782, 31.6046 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 30.5809, 29.0782, 31.6046 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

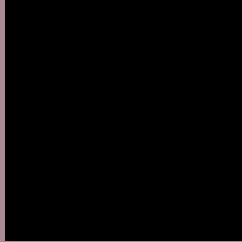
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 30.5809, 29.0782, 31.6046

Background



This preview shows how black text looks on a background with the XYZ color 30.5809, 29.0782, 31.6046.



This preview shows how white text looks on a background with the XYZ color 30.5809, 29.0782,

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

30.5809, 29.0782, 31.6046

Protanopia

28.0775, 29.0880, 33.4129

Deuteranopia

29.6374, 29.0297, 31.6450



Tritanopia

30.6740, 28.8827, 32.8124

Trichromacy



Original Color

30.5809, 29.0782, 31.6046

Protanomaly

28.9958, 29.1171, 32.9461

Deuteranomaly

29.8956, 28.9429, 31.6146

Tritanomaly

30.5938, 28.8507, 32.3900

Monochromacy



Original Color

30.5809, 29.0782, 31.6046

Achromatopsia

28.5667, 30.0544, 32.7292

Achromatomaly

29.3345, 29.7638, 32.2159

CSS Examples

Text

The CSS property to change the color of the text to XYZ 30.5809, 29.0782, 31.6046 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(167, 140, 147)` looks like.

```
.text, #text, p{  
    color:rgb(167, 140, 147)  
}
```

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(167, 140, 147) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(167, 140, 147) }
```

Border

The CSS property to change the border of an element to XYZ 30.5809, 29.0782, 31.6046 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(167, 140, 147) }
```


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

```
.border{ border-color:rgb(167, 140, 147) }
```

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

Here you see how a box with a 4 pixel `rgb(167, 140, 147)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(167, 140, 147); -webkit-box-  
shadow:4px 4px 4px 4px rgb(167, 140, 147);  
box-shadow:4px 4px 4px 4px rgb(167, 140,  
147) }
```

Background

The CSS property to change the background color of an element to XYZ 30.5809, 29.0782, 31.6046 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(167, 140, 147) }
```

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

```
.background{ background-color: rgb(167,  
140, 147) }
```

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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