

Converting Colors

XYZ(33.9628, 36.9481, 30.0351)

Have a look what the booklet for
XYZ(33.9628, 36.9481, 30.0351)
contains.

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Color

**XYZ(33.9146, 36.9107,
30.1479)**

Conversions

Conversions Part 1

Format	Color
Hex	A6A58C
RGB	166, 165, 140
RGB Percent	65%, 65%, 55%
CMY	0.3490, 0.3529, 0.4510
CMYK	0.00, 0.01, 0.16, 0.35
HSL	58°, 13%, 60%
HSV	58°, 16%, 65%
XYZ	33.9146, 36.9107, 30.1479
YIQ	162.4490, 8.6210, -7.5630

Conversions

Conversions Part 2

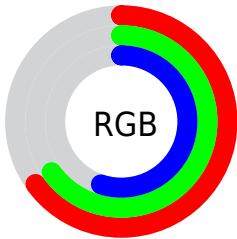
Format	Color
RYB	141, 166, 140
Decimal	10921356
CIELab	67.21, -4.03, 13.11
CIELCh	67, 13.714, 107.067
Yxy	36.9107, 0.3359, 0.3655
Android (android.graphics.Color)	4289111436 (0xFFA6A58C)
YUV	162.4490, -11.0674, 3.1142
Hunter-Lab	60.7542, -6.6764, 13.1066

Details

The XYZ color **33.9146, 36.9107, 30.1479** is a light color, and the websafe version is hex **999999**. A complement of this color would be **27.2229, 27.3777, 39.9262**, and the grayscale version is **34.6016, 36.4036, 39.6435**.

A 20% lighter version of the original color is **65.1496, 70.4536, 61.2041**, and **14.6900, 16.1258, 12.0112** is the 20% darker color. If you saturate the color by 10%, you get **32.6678, 36.2301, 24.1422**, and if you desaturate by 10%, it is **35.3487, 37.6696, 37.1280**.

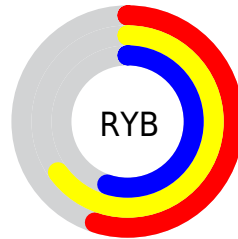
Distribution



Red (65%)

Green (65%)

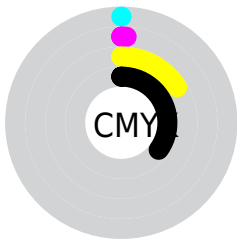
Blue (55%)



Red (55%)

Yellow (65%)

Blue (55%)

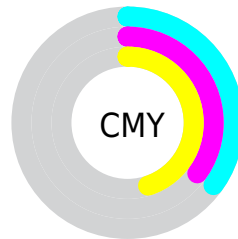


Cyan (0%)

Magenta (1%)

Yellow (16%)

Black (35%)



Cyan (35%)

Magenta (35%)

Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 33.9146, 36.9107, 30.1479 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 33.9146, 36.9107, 30.1479 by changing the saturation by 10% instead.

■ 33.9146, 36.9107,
30.1479

■ 33.9146, 36.9107,
30.1479

311.3437,
332.9237, 316.8220

■ 22.9906, 25.1384,
19.6979

■ 65.1460, 70.4354,
60.9598

■ 14.7072, 16.1802,
11.9937

■ 86.1841, 92.9566,
82.1587

■ 8.6991, 9.6517,
6.6169

■ 111.3243,
119.8295, 107.7776

■ 4.6010, 5.1687,
3.1489

140.9319,
151.4385, 138.2352

■ 2.0474, 2.3466,
1.1712

175.3723,
188.1680, 173.9498

■ 0.6604, 0.7982,
0.0000

215.0108,

■ 0.0000, 0.0000,

230.4025, 215.3402

0.0000

260.2128,
278.5263, 262.8247

■ 33.9146, 36.9107,
30.1479

■ 33.9146, 36.9107,
30.1479

■ 32.6678, 36.2301,
24.1422

■ 35.3487, 37.6696,
37.1280

■ 31.5970, 35.6196,
19.0651

■ 36.9748, 38.5049,
45.1208

■ 30.6943, 35.0773,
14.8706

■ 38.8012, 39.4213,
54.1655

■ 29.9502, 34.5992,
11.5081

■ 40.8347, 40.4215,
64.2984

■ 29.3539, 34.1813,
8.9216

■ 43.0821, 41.5081,
75.5543

■ 28.8936, 33.8186,
7.0482

■ 45.5495, 42.6837,
87.9661

■ 28.5556, 33.5057,
5.8156

■ 48.0489, 43.8730,
100.5436

■ 28.3217, 33.2355,
5.1292

■ 48.1680, 44.1110,
100.5833

■ 28.2345, 33.1242,
4.9055

■ 48.2876, 44.3502,
100.6232

Harmonies

Analogous

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



35.9909, 36.9107, 29.9706



33.9146, 36.9107, 30.1479



32.2178, 36.9107, 32.8392

Triad

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



33.9146, 36.9107, 30.1479



32.4122, 36.9107, 49.2321



39.1527, 36.9107, 42.8245

Complementary

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



33.9146, 36.9107, 30.1479



27.2229, 27.3777, 39.9262

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.



38.1122, 36.9107, 48.5620



33.9146, 36.9107, 30.1479



34.1895, 36.9107, 52.5015

Square

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



33.9146, 36.9107, 30.1479



31.3743, 36.9107, 43.6679



36.2769, 36.9107, 52.2447



39.0719, 36.9107, 36.9009

Rectangle

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



33.9146, 36.9107, 30.1479



31.5053, 36.9107, 35.8639



36.2769, 36.9107, 52.2447



38.9208, 36.9107, 44.8496

Sweetspot

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



33.9156, 36.9123, 30.1487



64.3127, 68.4489, 68.1591



29.9344, 28.7956, 29.2974



14.3499, 15.2957, 15.0467



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.



33.9156, 36.9123, 30.1487



60.6791, 66.5196, 50.4917



31.7538, 36.0656, 30.0992



8.1219, 8.7238, 8.0451



21.9025, 25.7022, 3.8066



0.5402, 0.6399, 0.0950

Inverse Universe

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



27.2229, 27.3777, 39.9262



46.0496, 45.6782, 71.8650



29.1542, 28.1563, 39.9747



7.1540, 7.3449, 9.4590



5.3989, 2.2580, 28.1268



0.1383, 0.0689, 0.6867

Previews

White Background



This preview shows how the XYZ color 33.9146, 36.9107, 30.1479 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 33.9146, 36.9107, 30.1479 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

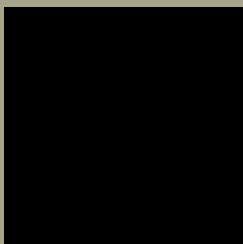
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

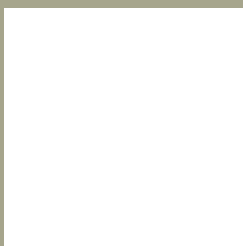
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 33.9146, 36.9107, 30.1479

Background



This preview shows how black text looks on a background with the XYZ color 33.9146, 36.9107, 30.1479.



This preview shows how white text looks on a background with the XYZ color 33.9146, 36.9107,

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

33.9146, 36.9107, 30.1479

Protanopia

34.7707, 36.8291, 29.7022

Deuteranopia

37.4330, 36.6317, 30.6889



Tritanopia

36.9082, 36.8167, 44.6962

Trichromacy



Original Color

33.9146, 36.9107, 30.1479

Protanomaly

34.5132, 36.9610, 29.7413

Deuteranomaly

35.9689, 36.6484, 30.3774

Tritanomaly

35.7155, 36.8489, 38.9483

Monochromacy



Original Color

33.9146, 36.9107, 30.1479

Achromatopsia

34.3422, 36.1307, 39.3463

Achromatomaly

34.0342, 36.3140, 35.7874

CSS Examples

Text

The CSS property to change the color of the text to XYZ 33.9146, 36.9107, 30.1479 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(166, 165, 140)` looks like.

```
.text, #text, p{  
    color:rgb(166, 165, 140)  
}
```

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(166, 165, 140) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(166, 165, 140) }
```

Border

The CSS property to change the border of an element to XYZ 33.9146, 36.9107, 30.1479 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(166, 165, 140) }
```


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

```
.border{ border-color:rgb(166, 165, 140) }
```

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

Here you see how a box with a 4 pixel `rgb(166, 165, 140)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(166, 165, 140); -webkit-box-  
shadow:4px 4px 4px 4px rgb(166, 165, 140);  
box-shadow:4px 4px 4px 4px rgb(166, 165,  
140) }
```

Background

The CSS property to change the background color of an element to XYZ 33.9146, 36.9107, 30.1479 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(166, 165, 140) }
```

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

```
.background{ background-color: rgb(166,  
165, 140) }
```

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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