

Converting Colors

XYZ(30.0009, 36.9284, 28.0260)

Have a look what the booklet for
XYZ(30.0009, 36.9284, 28.0260)
contains.

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Color

**XYZ(30.0401, 36.8890,
28.0913)**

Conversions

Conversions Part 1

Format	Color
Hex	8DAC86
RGB	141, 172, 134
RGB Percent	55%, 67%, 53%
CMY	0.4471, 0.3255, 0.4745
CMYK	0.18, 0.00, 0.22, 0.33
HSL	109°, 19%, 60%
HSV	109°, 22%, 67%
XYZ	30.0401, 36.8890, 28.0913
YIQ	158.3990, -6.2780, -18.3900

Conversions

Conversions Part 2

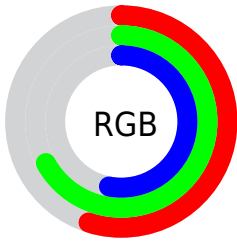
Format	Color
RYB	134, 172, 165
Decimal	9284742
CIELab	67.19, -18.01, 16.12
CIELCh	67, 24.168, 138.175
Yxy	36.8890, 0.3161, 0.3882
Android (android.graphics.Color)	4287474822 (0xFF8DAC86)
YUV	158.3990, -12.0287, -15.2589
Hunter-Lab	60.7363, -18.0027, 15.0931

Details

The XYZ color **30.0401, 36.8890, 28.0913** is a dark color, and the websafe version is hex **99CC99**. A complement of this color would be **31.4901, 28.0292, 42.7821**, and the grayscale version is **32.7365, 34.4413, 37.5066**.

A 20% lighter version of the original color is **58.9444, 70.1281, 57.4431**, and **12.5332, 16.2467, 10.8629** is the 20% darker color. If you saturate the color by 10%, you get **26.7001, 35.2958, 22.1739**, and if you desaturate by 10%, it is **33.8795, 38.7193, 35.0522**.

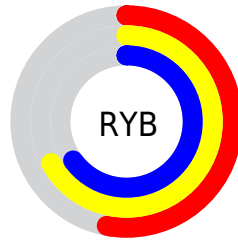
Distribution



Red (55%)

Green (67%)

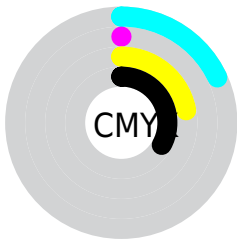
Blue (53%)



Red (53%)

Yellow (67%)

Blue (65%)

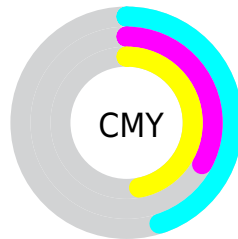


Cyan (18%)

Magenta (0%)

Yellow (22%)

Black (33%)



Cyan (45%)

Magenta (33%)

Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 30.0401, 36.8890, 28.0913 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 30.0401, 36.8890, 28.0913 by changing the saturation by 10% instead.

■ 30.0401, 36.8890,
28.0913

■ 30.0401, 36.8890,
28.0913

293.9978,
332.8297, 306.8286

■ 20.0173, 25.1216,
18.1549

■ 59.1118, 70.4020,
57.6550

■ 12.5159, 16.1676,
10.8906

■ 78.8913, 92.9164,
78.1194

■ 7.1708, 9.6429,
5.8801

■ 102.6538,
119.7819, 102.9301

■ 3.6164, 5.1628,
2.7047

130.7646,
151.3829, 132.5058

■ 1.4875, 2.3431,
0.9458

163.5890,
188.1038, 167.2650

■ 0.3173, 0.7964,
0.0000

201.4925,

■ 0.0000, 0.0000,

230.3289, 207.6261

0.0000

244.8403,
278.4428, 254.0078

■ 30.0401, 36.8890,
28.0913

■ 30.0401, 36.8890,
28.0913

■ 26.7001, 35.2958,
22.1739

■ 33.8795, 38.7193,
35.0522

■ 23.8360, 33.9254,
17.2475

■ 38.2350, 40.7910,
43.1009

■ 21.4266, 32.7690,
13.2585

■ 43.1258, 43.1141,
52.2822

■ 19.4478, 31.8157,
10.1475

■ 48.5695, 45.6969,
62.6375

■ 17.8734, 31.0534,
7.8482

■ 54.5827, 48.5470,
74.2063

■ 16.6742, 30.4686,
6.2847

■ 61.1815, 51.6719,
87.0261

■ 15.8166, 30.0459,
5.3671

■ 68.3812, 55.0787,
101.1329

■ 15.3390, 29.8085,
4.9452

■ 73.4062, 57.6581,
101.8679

■ 74.0433, 57.9865,
101.8978

Harmonies

Analogous

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



32.8968, 36.8890, 23.7995



30.0401, 36.8890, 28.0913



28.5709, 36.8890, 36.1475

Triad

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



30.0401, 36.8890, 28.0913



33.6292, 36.8890, 63.4947



42.2377, 36.8890, 34.1600

Complementary

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



30.0401, 36.8890, 28.0913



31.4901, 28.0292, 42.7821

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.



42.4682, 36.8890, 44.4715



30.0401, 36.8890, 28.0913



37.3199, 36.8890, 62.7080

Square

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



30.0401, 36.8890, 28.0913



30.5438, 36.8890, 57.2740



40.6143, 36.8890, 55.2827



40.0049, 36.8890, 26.8568

Rectangle

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



30.0401, 36.8890, 28.0913



28.5026, 36.8890, 43.1226



40.6143, 36.8890, 55.2827



42.5574, 36.8890, 37.3474

Sweetspot

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



30.0411, 36.8906, 28.0921



65.2657, 72.0502, 70.5891



34.6651, 37.1879, 27.9058



14.0870, 15.6121, 15.1620



82.5889, 86.8899, 94.6231



15.4596, 16.2647, 17.7123

Same Dimension

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



30.0411, 36.8906, 28.0921



51.1198, 65.3107, 44.9449



29.7270, 36.6318, 32.4549



8.0370, 9.0077, 8.5284



11.4493, 22.1994, 3.6815



0.3583, 0.6381, 0.1043

Inverse Universe

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



31.4901, 28.0292, 42.7821



54.2613, 46.0694, 76.8382



31.9375, 28.3810, 37.3298



8.1903, 8.0724, 10.0791



13.6727, 6.4084, 29.5608



0.4173, 0.1973, 0.8241

Previews

White Background



This preview shows how the XYZ color 30.0401, 36.8890, 28.0913 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 30.0401, 36.8890, 28.0913 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 30.0401, 36.8890, 28.0913

Background



This preview shows how black text looks on a background with the XYZ color 30.0401, 36.8890, 28.0913.



This preview shows how white text looks on a background with the XYZ color 30.0401, 36.8890,

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

30.0401, 36.8890, 28.0913

Protanopia

34.3600, 36.6903, 26.3901

Deuteranopia

37.3114, 36.6115, 28.7671



Tritanopia

33.9856, 36.8230, 47.9641

Trichromacy



Original Color

30.0401, 36.8890, 28.0913

Protanomaly

32.4309, 36.4882, 26.8064

Deuteranomaly

34.1589, 36.2762, 28.4942

Tritanomaly

32.2905, 36.6693, 40.0263

Monochromacy



Original Color

30.0401, 36.8890, 28.0913

Achromatopsia

32.4990, 34.1914, 37.2345

Achromatomaly

31.4709, 35.0397, 33.5384

CSS Examples

Text

The CSS property to change the color of the text to XYZ 30.0401, 36.8890, 28.0913 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(141, 172, 134)` looks like.

```
.text, #text, p{  
    color:rgb(141, 172, 134)  
}
```

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(141, 172, 134) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(141, 172, 134) }
```

Border

The CSS property to change the border of an element to XYZ 30.0401, 36.8890, 28.0913 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(141, 172, 134) }
```


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

```
.border{ border-color:rgb(141, 172, 134) }
```

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

Here you see how a box with a 4 pixel `rgb(141, 172, 134)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(141, 172, 134); -webkit-box-  
shadow:4px 4px 4px 4px rgb(141, 172, 134);  
box-shadow:4px 4px 4px 4px rgb(141, 172,  
134) }
```

Background

The CSS property to change the background color of an element to XYZ 30.0401, 36.8890, 28.0913 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(141, 172, 134) }
```

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

```
.background{ background-color: rgb(141,  
172, 134) }
```

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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