

Converting Colors

XYZ(34.1615, 36.4761, 30.6512)

Have a look what the booklet for
XYZ(34.1615, 36.4761, 30.6512)
contains.

XYZ(34.1281, 36.4722, 30.8323)	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(34.1281, 36.4722,
30.8323)**

Conversions

Conversions Part 1

Format	Color
Hex	A8A38E
RGB	168, 163, 142
RGB Percent	66%, 64%, 56%
CMY	0.3412, 0.3608, 0.4431
CMYK	0.00, 0.03, 0.15, 0.34
HSL	48°, 13%, 61%
HSV	48°, 15%, 66%
XYZ	34.1281, 36.4722, 30.8323
YIQ	162.1010, 9.7210, -5.4710

Conversions

Conversions Part 2

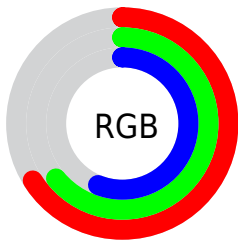
Format	Color
RYB	148, 168, 142
Decimal	11051918
CIELab	66.88, -1.86, 11.56
CIElCh	67, 11.709, 99.123
Yxy	36.4722, 0.3365, 0.3596
Android (android.graphics.Color)	4289241998 (0xFFA8A38E)
YUV	162.1010, -9.9098, 5.1734
Hunter-Lab	60.3922, -4.8147, 12.0050

Details

The XYZ color **34.1281, 36.4722, 30.8323** is a light color, and the websafe version is hex **999999**. A complement of this color would be **28.6568, 29.4447, 41.2190**, and the grayscale version is **34.4326, 36.2257, 39.4498**.

A 20% lighter version of the original color is **65.4666, 69.8163, 62.2500**, and **14.8187, 15.8546, 12.4044** is the 20% darker color. If you saturate the color by 10%, you get **32.3951, 34.8747, 24.4936**, and if you desaturate by 10%, it is **36.0679, 38.1783, 38.1788**.

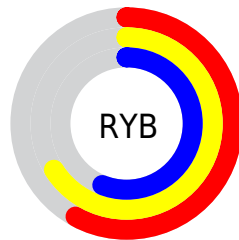
Distribution



Red (66%)

Green (64%)

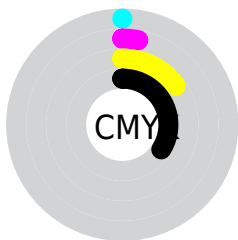
Blue (56%)



Red (58%)

Yellow (66%)

Blue (56%)

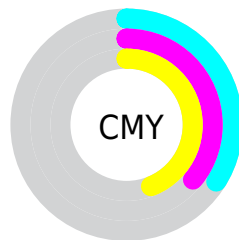


Cyan (0%)

Magenta (3%)

Yellow (15%)

Black (34%)



Cyan (34%)

Magenta (36%)

Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 34.1281, 36.4722, 30.8323 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 34.1281, 36.4722, 30.8323 by changing the saturation by 10% instead.

■ 34.1281, 36.4722,
30.8323

■ 34.1281, 36.4722,
30.8323

312.2787,
331.0198, 320.0922

■ 23.1554, 24.7991,
20.2138

■ 65.4758, 69.7603,
62.0524

■ 14.8296, 15.9274,
12.3649

■ 86.5815, 92.1440,
83.4911

■ 8.7854, 9.4728,
6.8672

■ 111.7955,
118.8668, 109.3736

■ 4.6575, 5.0509,
3.3020

141.4833,
150.3130, 140.1185

■ 2.0804, 2.2771,
1.2508

176.0102,
186.8670, 176.1442

■ 0.6785, 0.7616,
0.0210

215.7414,

■ 0.0000, 0.0000,

228.9132, 217.8694

0.0000

261.0425,
276.8360, 265.7126

■ 34.1281, 36.4722,
30.8323

■ 34.1281, 36.4722,
30.8323

■ 32.3951, 34.8747,
24.4936

■ 36.0679, 38.1783,
38.1788

■ 30.8573, 33.3772,
19.1157

■ 38.2195, 39.9915,
46.5726

■ 29.5064, 31.9777,
14.6512

■ 40.5916, 41.9167,
56.0540

■ 28.3326, 30.6718,
11.0479

■ 43.1914, 43.9568,
66.6606

■ 27.3246, 29.4550,
8.2484

■ 46.0257, 46.1148,
78.4279

■ 26.4702, 28.3221,
6.1879

■ 49.1011, 48.3936,
91.3900

■ 25.7550, 27.2674,
4.7919

■ 51.6740, 50.4957,
101.6309

■ 25.1610, 26.2832,
3.9653

■ 52.3599, 51.8677,
101.8595

■ 24.9128, 25.8534,
3.6772

■ 53.0614, 53.2705,
102.0933

Harmonies

Analogous

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



35.8947, 36.4722, 31.2715



34.1281, 36.4722, 30.8323



32.5591, 36.4722, 32.6100

Triad

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



34.1281, 36.4722, 30.8323



32.0880, 36.4722, 46.1956



37.9491, 36.4722, 43.2934

Complementary

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



34.1281, 36.4722, 30.8323



28.6568, 29.4447, 41.2190

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.



36.8613, 36.4722, 47.7769



34.1281, 36.4722, 30.8323



33.4652, 36.4722, 49.5492

Square

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



34.1281, 36.4722, 30.8323



31.4080, 36.4722, 41.2800



35.2090, 36.4722, 50.1513



38.1413, 36.4722, 38.1843

Rectangle

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



34.1281, 36.4722, 30.8323



31.8218, 36.4722, 34.9099



35.2090, 36.4722, 50.1513



37.6743, 36.4722, 44.9355

Sweetspot

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



34.1291, 36.4738, 30.8331



65.5928, 69.4024, 69.8297



31.1040, 29.7842, 31.7962



14.2420, 15.0800, 15.0107



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.



34.1291, 36.4738, 30.8331



60.6700, 65.0405, 51.2830



33.4227, 37.4527, 31.0593



8.0225, 8.5251, 8.0120



18.8486, 19.5944, 2.7887



0.4892, 0.5379, 0.0780

Inverse Universe

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



28.6568, 29.4447, 41.2190



48.5849, 49.5182, 74.2224



29.2822, 28.6388, 41.0305



7.2442, 7.5253, 9.4891



5.7627, 2.9856, 28.2480



0.1724, 0.1370, 0.6980

Previews

White Background



This preview shows how the XYZ color 34.1281, 36.4722, 30.8323 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 34.1281, 36.4722, 30.8323 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

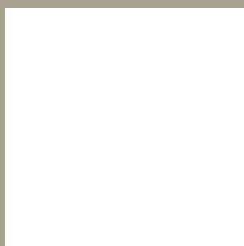
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 34.1281, 36.4722, 30.8323

Background



This preview shows how black text looks on a background with the XYZ color 34.1281, 36.4722, 30.8323.



This preview shows how white text looks on a background with the XYZ color 34.1281, 36.4722,

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

34.1281, 36.4722, 30.8323

Protanopia

34.3804, 36.3397, 30.7934

Deuteranopia

37.0225, 36.4114, 31.0634



Tritanopia

36.7621, 36.5072, 43.6371

Trichromacy



Original Color

34.1281, 36.4722, 30.8323

Protanomaly

34.1650, 36.2287, 30.7833

Deuteranomaly

35.9465, 36.3632, 31.1108

Tritanomaly

35.7106, 36.3376, 38.3894

Monochromacy



Original Color

34.1281, 36.4722, 30.8323

Achromatopsia

34.3422, 36.1307, 39.3463

Achromatomaly

34.1466, 36.0997, 36.1786

CSS Examples

Text

The CSS property to change the color of the text to XYZ 34.1281, 36.4722, 30.8323 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(168, 163, 142)` looks like.

```
.text, #text, p{  
    color:rgb(168, 163, 142)  
}
```

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(168, 163, 142) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(168, 163, 142) }
```

Border

The CSS property to change the border of an element to XYZ 34.1281, 36.4722, 30.8323 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(168, 163, 142) }
```


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

```
.border{ border-color:rgb(168, 163, 142) }
```

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

Here you see how a box with a 4 pixel rgb(168, 163, 142) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(168, 163, 142); -webkit-box-  
shadow:4px 4px 4px 4px rgb(168, 163, 142);  
box-shadow:4px 4px 4px 4px rgb(168, 163,  
142) }
```

Background

The CSS property to change the background color of an element to XYZ 34.1281, 36.4722, 30.8323 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(168, 163, 142) }
```

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

```
.background{ background-color: rgb(168,  
163, 142) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor