

Converting Colors

XYZ(34.0341, 34.8970, 30.5010)

Have a look what the booklet for
XYZ(34.0341, 34.8970, 30.5010)
contains.

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Color

**XYZ(33.9527, 34.8376,
30.5260)**

Conversions

Conversions Part 1

Format	Color
Hex	AC9D8E
RGB	172, 157, 142
RGB Percent	67%, 62%, 56%
CMY	0.3255, 0.3843, 0.4431
CMYK	0.00, 0.09, 0.17, 0.33
HSL	30°, 15%, 62%
HSV	30°, 17%, 67%
XYZ	33.9527, 34.8376, 30.5260
YIQ	159.7750, 13.7550, -1.4850

Conversions

Conversions Part 2

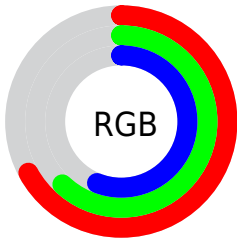
Format	Color
RYB	172, 172, 142
Decimal	11312526
CIELab	65.62, 2.95, 9.83
CIELCh	66, 10.263, 73.282
Yxy	34.8376, 0.3419, 0.3508
Android (android.graphics.Color)	4289502606 (0xFFAC9D8E)
YUV	159.7750, -8.7631, 10.7213
Hunter-Lab	59.0234, -0.6103, 10.6525

Details

The XYZ color **33.9527, 34.8376, 30.5260** is a light color, and the websafe version is hex **999999**. A complement of this color would be **30.6585, 32.8425, 43.7533**, and the grayscale version is **33.3454, 35.0820, 38.2043**.

A 20% lighter version of the original color is **65.5022, 67.5665, 61.8138**, and **14.6935, 15.0027, 12.2466** is the 20% darker color. If you saturate the color by 10%, you get **31.3561, 31.5538, 23.7734**, and if you desaturate by 10%, it is **36.8529, 38.4090, 38.3638**.

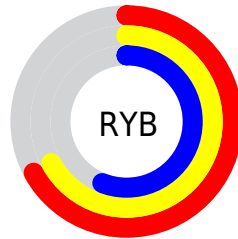
Distribution



Red (67%)

Green (62%)

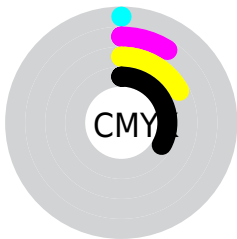
Blue (56%)



Red (67%)

Yellow (67%)

Blue (56%)

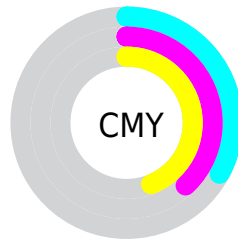


Cyan (0%)

Magenta (9%)

Yellow (17%)

Black (33%)



Cyan (33%)

Magenta (38%)

Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 33.9527, 34.8376, 30.5260 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 33.9527, 34.8376, 30.5260 by changing the saturation by 10% instead.

■ 33.9527, 34.8376,
30.5260

■ 33.9527, 34.8376,
30.5260

311.5107,
323.8509, 318.6319

■ 23.0200, 23.5378,
19.9827

■ 65.2049, 67.2341,
61.5638

■ 14.7290, 14.9911,
12.1986

■ 86.2551, 89.0996,
82.8955

■ 8.7145, 8.8132,
6.7549

■ 111.4084,
115.2558, 108.6604

■ 4.6111, 4.6195,
3.2332

141.0304,
146.0871, 139.2770

■ 2.0533, 2.0258,
1.2149

175.4862,
181.9778, 175.1639

■ 0.6636, 0.6224,
0.0000

215.1413,

■ 0.0000, 0.0000,

223.3125, 216.7397

0.0000

260.3610,
270.4754, 264.4229

■ 33.9527, 34.8376,
30.5260

■ 33.9527, 34.8376,
30.5260

■ 31.3561, 31.5538,
23.7734

■ 36.8529, 38.4090,
38.3638

■ 29.0491, 28.5452,
18.0550

■ 40.0644, 42.2708,
47.3302

■ 27.0205, 25.8049,
13.3193

■ 43.5981, 46.4317,
57.4688

■ 25.2576, 23.3244,
9.5092

■ 47.4637, 50.8986,
68.8204

■ 23.7461, 21.0941,
6.5615

■ 51.6701, 55.6781,
81.4235

■ 22.4704, 19.1041,
4.4053

■ 56.2261, 60.7767,
95.3152

■ 21.4123, 17.3430,
2.9580

■ 59.9253, 65.7146,
104.1335

■ 20.5453, 15.7960,
2.0925

■ 62.2022, 70.2683,
104.8925

■ 20.3428, 15.4296,
1.9060

■ 64.5963, 75.0565,
105.6905

Harmonies

Analogous

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



35.2668, 34.8376, 32.5221



33.9527, 34.8376, 30.5260



32.4508, 34.8376, 30.4147

Triad

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



33.9527, 34.8376, 30.5260



30.3711, 34.8376, 39.8711



35.1388, 34.8376, 44.3004

Complementary

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



33.9527, 34.8376, 30.5260



30.6585, 32.8425, 43.7533

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.



33.7823, 34.8376, 46.5964



33.9527, 34.8376, 30.5260



31.0470, 34.8376, 43.9114

Square

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



33.9527, 34.8376, 30.5260



30.4135, 34.8376, 35.5946



32.2855, 34.8376, 46.4488



35.9657, 34.8376, 40.3700

Rectangle

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



33.9527, 34.8376, 30.5260



31.5472, 34.8376, 31.4086



32.2855, 34.8376, 46.4488



34.7279, 34.8376, 45.3018

Sweetspot

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



33.9536, 34.8392, 30.5267



68.1748, 71.2787, 73.2356



32.7724, 30.5514, 36.0684



14.7325, 15.3895, 15.6851



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.



33.9536, 34.8392, 30.5267



59.6782, 60.7970, 50.3290



36.6485, 40.2290, 31.4250



8.3237, 8.6523, 8.4447



15.1932, 11.5920, 1.4367



0.4774, 0.4320, 0.0582

Inverse Universe

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



30.6585, 32.8425, 43.7533



52.5509, 56.4783, 78.9374



28.2752, 28.0758, 42.9589



7.8972, 8.3938, 10.1566



8.0715, 7.2768, 30.0237



0.2793, 0.3120, 0.8535

Previews

White Background



This preview shows how the XYZ color 33.9527, 34.8376, 30.5260 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 33.9527, 34.8376, 30.5260 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

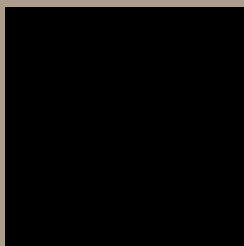
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

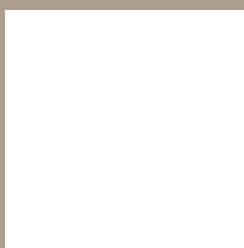
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 33.9527, 34.8376, 30.5260

Background



This preview shows how black text looks on a background with the XYZ color 33.9527, 34.8376, 30.5260.



This preview shows how white text looks on a background with the XYZ color 33.9527, 34.8376,

30.5260.

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

33.9527, 34.8376, 30.5260

Protanopia

33.0819, 34.8864, 30.9768

Deuteranopia

35.5696, 34.9181, 30.8518



Tritanopia

36.1177, 34.9783, 40.9243

Trichromacy



Original Color

33.9527, 34.8376, 30.5260

Protanomaly

33.3332, 34.7617, 30.9394

Deuteranomaly

35.0394, 34.8908, 30.8744

Tritanomaly

35.2627, 34.8757, 36.7714

Monochromacy



Original Color

33.9527, 34.8376, 30.5260

Achromatopsia

33.4132, 35.1533, 38.2819

Achromatomaly

33.4577, 34.9887, 35.1271

CSS Examples

Text

The CSS property to change the color of the text to XYZ 33.9527, 34.8376, 30.5260 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(172, 157, 142)` looks like.

```
.text, #text, p{  
    color:rgb(172, 157, 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(172, 157, 142) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(172, 157, 142) }
```

Border

The CSS property to change the border of an element to XYZ 33.9527, 34.8376, 30.5260 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(172, 157, 142) }
```


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

```
.border{ border-color:rgb(172, 157, 142) }
```

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

Here you see how a box with a 4 pixel `rgb(172, 157, 142)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(172, 157, 142); -webkit-box-  
shadow:4px 4px 4px 4px rgb(172, 157, 142);  
box-shadow:4px 4px 4px 4px rgb(172, 157,  
142) }
```

Background

The CSS property to change the background color of an element to XYZ 33.9527, 34.8376, 30.5260 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(172, 157, 142) }
```

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

```
.background{ background-color: rgb(172,  
157, 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](#).

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