

Converting Colors

XYZ(35.1094, 38.1913, 26.6344)

Have a look what the booklet for
XYZ(35.1094, 38.1913, 26.6344)
contains.

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Color

**XYZ(35.0816, 38.1334,
26.6306)**

Conversions

Conversions Part 1

Format	Color
Hex	ADA782
RGB	173, 167, 130
RGB Percent	68%, 65%, 51%
CMY	0.3216, 0.3451, 0.4902
CMYK	0.00, 0.03, 0.25, 0.32
HSL	52°, 21%, 59%
HSV	52°, 25%, 68%
XYZ	35.0816, 38.1334, 26.6306
YIQ	164.5760, 15.4530, -10.2350

Conversions

Conversions Part 2

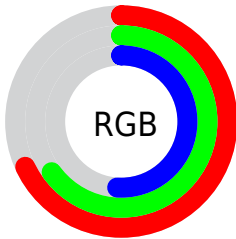
Format	Color
RYB	137, 173, 130
Decimal	11380610
CIELab	68.12, -3.92, 19.96
CIELCh	68, 20.339, 101.114
Yxy	38.1334, 0.3514, 0.3819
Android (android.graphics.Color)	4289570690 (0xFFADA782)
YUV	164.5760, -17.0460, 7.3878
Hunter-Lab	61.7522, -6.6602, 17.6578

Details

The XYZ color **35.0816, 38.1334, 26.6306** is a light color, and the websafe version is hex **999966**. A complement of this color would be **25.5528, 25.3707, 43.0857**, and the grayscale version is **35.6358, 37.4917, 40.8284**.

A 20% lighter version of the original color is **66.9816, 72.3195, 55.2285**, and **15.3244, 16.8337, 10.0310** is the 20% darker color. If you saturate the color by 10%, you get **33.5792, 36.8332, 20.8745**, and if you desaturate by 10%, it is **36.7895, 39.5317, 33.4194**.

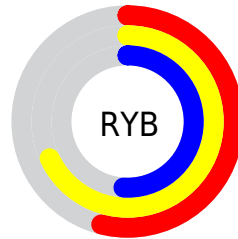
Distribution



Red (68%)

Green (65%)

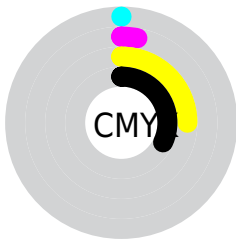
Blue (51%)



Red (54%)

Yellow (68%)

Blue (51%)

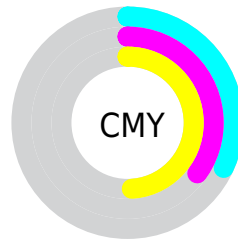


Cyan (0%)

Magenta (3%)

Yellow (25%)

Black (32%)



Cyan (32%)


Magenta (35%)


Yellow (49%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 35.0816, 38.1334, 26.6306 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 35.0816, 38.1334, 26.6306 by changing the saturation by 10% instead.


 35.0816, 38.1334,
26.6306


 35.0816, 38.1334,
26.6306


316.4301,
338.1919, 299.5675

 23.8925, 26.0862,
17.0660


 66.9453, 72.3126,
55.2870

 15.3782, 16.8882,
10.1191


 88.3508, 95.2133,
75.2160

 9.1733, 10.1548,
5.3714


 113.8923,
122.5008, 99.4368

 4.9124, 5.5017,
2.4042

143.9354,
154.5593, 128.3679

 2.2302, 2.5445,
0.7888

178.8454,
191.7733, 162.4281

 0.7586, 0.8989,
0.0000

218.9876,

 0.0000, 0.0000,

234.5271, 202.0357

0.0000

264.7274,
283.2052, 247.6093

■ 35.0816, 38.1334,
26.6306

■ 35.0816, 38.1334,
26.6306

■ 33.5792, 36.8332,
20.8745

■ 36.7895, 39.5317,
33.4194

■ 32.2695, 35.6218,
16.0973

■ 38.7091, 41.0265,
41.2862

■ 31.1430, 34.4968,
12.2439

■ 40.8498, 42.6232,
50.2768

■ 30.1877, 33.4533,
9.2529

■ 43.2198, 44.3250,
60.4334

■ 29.3908, 32.4860,
7.0554

■ 45.8268, 46.1350,
71.7960

■ 28.7369, 31.5887,
5.5718

■ 48.6779, 48.0563,
84.4029

■ 28.2076, 30.7541,
4.7050

■ 51.7803, 50.0916,
98.2905

■ 27.9616, 30.3401,
4.3825

■ 52.9066, 51.3502,
101.7308

■ 53.4203, 52.3775,
101.9021

Harmonies

Analogous

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



38.2550, 38.1334, 27.0890



35.0816, 38.1334, 26.6306



32.3801, 38.1334, 29.7016

Triad

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



35.0816, 38.1334, 26.6306



31.8408, 38.1334, 54.0990



42.3274, 38.1334, 47.4356

Complementary

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



35.0816, 38.1334, 26.6306



25.5528, 25.3707, 43.0857

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.



40.4051, 38.1334, 56.1209



35.0816, 38.1334, 26.6306



34.3060, 38.1334, 60.3387

Square

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



35.0816, 38.1334, 26.6306



30.5830, 38.1334, 44.9798



37.4331, 38.1334, 61.1283



42.5652, 38.1334, 38.2438

Rectangle

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



35.0816, 38.1334, 26.6306



31.1621, 38.1334, 33.6411



37.4331, 38.1334, 61.1283



41.8518, 38.1334, 50.5438

Sweetspot

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



35.0826, 38.1351, 26.6314



68.5121, 72.8535, 70.5730



29.6926, 26.6404, 27.0382



14.8458, 15.7993, 15.1581



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.



35.0826, 38.1351, 26.6314



61.2609, 66.9556, 41.6290



33.0639, 38.7632, 26.8590



8.5660, 9.1369, 8.5255



20.5730, 22.3516, 3.2300



0.5980, 0.6731, 0.0984

Inverse Universe

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



25.5528, 25.3707, 43.0857



41.1505, 40.0224, 76.3620



27.2118, 25.0072, 42.9281



7.6657, 7.9307, 10.0794



5.8091, 2.7521, 29.2695



0.1889, 0.1311, 0.8233

Previews

White Background



This preview shows how the XYZ color 35.0816, 38.1334, 26.6306 looks on a white background.

Color Contrast Check

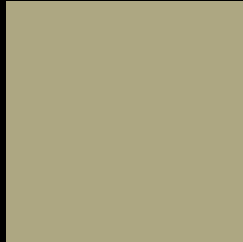
Large Text (above 18pt) WCAG AA × Fail

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 35.0816, 38.1334, 26.6306 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

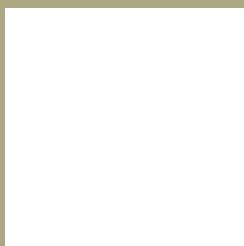
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 35.0816, 38.1334, 26.6306

Background



This preview shows how black text looks on a background with the XYZ color 35.0816, 38.1334, 26.6306.



This preview shows how white text looks on a background with the XYZ color 35.0816, 38.1334,

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

35.0816, 38.1334, 26.6306

Protanopia

35.7301, 38.2045, 26.2599

Deuteranopia

38.8111, 37.9316, 27.1057



Tritanopia

38.9753, 38.1294, 45.3499

Trichromacy



Original Color

35.0816, 38.1334, 26.6306

Protanomaly

35.5032, 38.0875, 26.2493

Deuteranomaly

37.2668, 37.9185, 26.8276

Tritanomaly

37.4002, 38.0101, 37.7132

Monochromacy



Original Color

35.0816, 38.1334, 26.6306

Achromatopsia

35.7637, 37.6262, 40.9749

Achromatomaly

35.4522, 37.8643, 35.1458

CSS Examples

Text

The CSS property to change the color of the text to XYZ 35.0816, 38.1334, 26.6306 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(173, 167, 130)` looks like.

```
.text, #text, p{  
    color:rgb(173, 167, 130)  
}
```

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(173, 167, 130) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(173, 167, 130) }
```

Border

The CSS property to change the border of an element to XYZ 35.0816, 38.1334, 26.6306 is called "border". The border property can be set on classes, ids or directly on the HTML element.

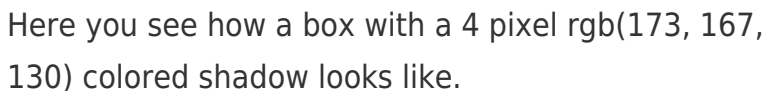
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(173, 167, 130) }
```


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

```
.border{ border-color:rgb(173, 167, 130) }
```

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



Here you see how a box with a 4 pixel `rgb(173, 167, 130)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(173, 167, 130); -webkit-box-  
shadow:4px 4px 4px 4px rgb(173, 167, 130);  
box-shadow:4px 4px 4px 4px rgb(173, 167,  
130) }
```

Background

The CSS property to change the background color of an element to XYZ 35.0816, 38.1334, 26.6306 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(173, 167, 130) }
```

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

```
.background{ background-color: rgb(173,  
167, 130) }
```

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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