

Converting Colors

XYZ(35.1331, 38.1012, 17.0583)

Have a look what the booklet for
XYZ(35.1331, 38.1012, 17.0583)
contains.

XYZ(35.1322, 38.0994, 17.0575)	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(35.1322, 38.0994,
17.0575)**

Conversions

Conversions Part 1

Format	Color
Hex	B6A662
RGB	182, 166, 98
RGB Percent	71%, 65%, 38%
CMY	0.2863, 0.3490, 0.6157
CMYK	0.00, 0.09, 0.46, 0.29
HSL	49°, 37%, 55%
HSV	49°, 46%, 71%
XYZ	35.1322, 38.0994, 17.0575
YIQ	163.0320, 31.3640, -17.7560

Conversions

Conversions Part 2

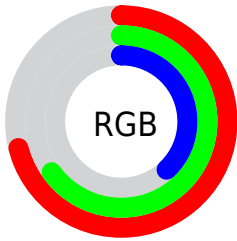
Format	Color
RYB	118, 182, 98
Decimal	11970146
CIELab	68.09, -3.64, 37.17
CIELCh	68, 37.352, 95.593
Yxy	38.0994, 0.3891, 0.4220
Android (android.graphics.Color)	4290160226 (0xFFB6A662)
YUV	163.0320, -32.0608, 16.6349
Hunter-Lab	61.7247, -6.4204, 26.8226

Details

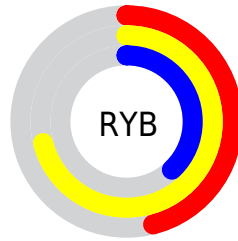
The XYZ color **35.1322, 38.0994, 17.0575** is a light color, and the websafe version is hex **999966**. A complement of this color would be **19.4976, 18.0080, 46.7040**, and the grayscale version is **34.9650, 36.7859, 40.0598**.

A 20% lighter version of the original color is **66.9581, 72.2656, 39.2738**, and **15.3241, 16.7684, 5.3347** is the 20% darker color. If you saturate the color by 10%, you get **33.7475, 36.5524, 12.8277**, and if you desaturate by 10%, it is **36.7311, 39.7620, 22.3235**.

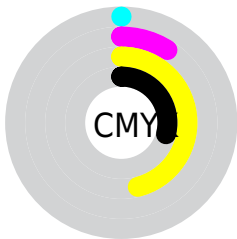
Distribution



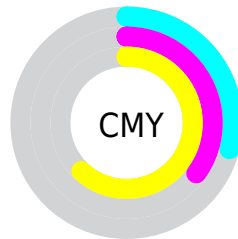
- Red (71%)
- Green (65%)
- Blue (38%)



- Red (46%)
- Yellow (71%)
- Blue (38%)



- Cyan (0%)
- Magenta (9%)
- Yellow (46%)
- Black (29%)



- Cyan (29%)
- Magenta (35%)
- Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 35.1322, 38.0994, 17.0575 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 35.1322, 38.0994, 17.0575 by changing the saturation by 10% instead.

■ 35.1322, 38.0994,
17.0575

■ 35.1322, 38.0994,
17.0575

316.6493,
338.0462, 247.5587

■ 23.9317, 26.0598,
10.1131

■ 67.0232, 72.2605,
39.2166

■ 15.4074, 16.8684,
5.3674

■ 88.4444, 95.1508,
55.2684

■ 9.1940, 10.1407,
2.4019

■ 114.0033,
122.4268, 75.1931

■ 4.9261, 5.4924,
0.7875

■ 144.0651,
154.4729, 99.4092

■ 2.2383, 2.5389,
0.0000

178.9952,
191.6735, 128.3353

■ 0.7628, 0.8961,
0.0000

219.1591,

■ 0.0000, 0.0000,

234.4130, 162.3899

0.0000

264.9220,
283.0757, 201.9915

■ 35.1322, 38.0994,
17.0575

■ 35.1322, 38.0994,
17.0575

■ 33.7475, 36.5524,
12.8277

■ 36.7311, 39.7620,
22.3235

■ 32.5608, 35.1102,
9.5612

■ 38.5538, 41.5402,
28.6875

■ 31.5576, 33.7681,
7.1790

■ 40.6125, 43.4403,
36.2091

■ 30.7204, 32.5189,
5.5888

■ 42.9176, 45.4667,
44.9430

■ 30.0261, 31.3532,
4.6703

■ 45.4790, 47.6237,
54.9403

■ 29.7786, 30.9196,
4.3986

■ 48.3061, 49.9151,
66.2494

■ 51.4075, 52.3446,
78.9158

■ 54.7916, 54.9158,
92.9831

■ 57.3519, 57.1862,
102.6230

Harmonies

Analogous

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



41.0379, 38.0994, 18.6018



35.1322, 38.0994, 17.0575



30.0797, 38.0994, 20.4931

Triad

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



35.1322, 38.0994, 17.0575



27.8507, 38.0994, 63.0815



47.3931, 38.0994, 56.1920

Complementary

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



35.1322, 38.0994, 17.0575



19.4976, 18.0080, 46.7040

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.



43.1265, 38.0994, 73.3973



35.1322, 38.0994, 17.0575



31.7807, 38.0994, 78.0639

Square

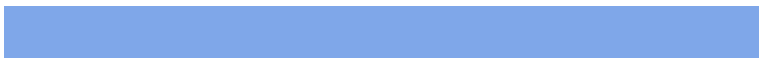
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



35.1322, 38.0994, 17.0575



26.1745, 38.0994, 44.6876



37.3144, 38.0994, 82.2718



48.5353, 38.0994, 38.4369

Rectangle

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



35.1322, 38.0994, 17.0575



27.7392, 38.0994, 25.8766



37.3144, 38.0994, 82.2718



46.2559, 38.0994, 62.3653

Sweetspot

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



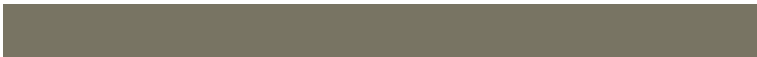
35.1331, 38.1012, 17.0583



74.3959, 79.4431, 68.5076



26.7423, 19.9140, 18.5941



16.2419, 17.3763, 14.4218



88.6918, 93.3107, 101.6153



17.8044, 18.7317, 20.3988

Same Dimension

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



35.1331, 38.1012, 17.0583



61.2361, 66.3298, 23.4076



32.7982, 41.4856, 17.8346



9.6009, 10.2048, 9.5706



21.0754, 21.9271, 3.1216



0.7809, 0.8489, 0.1227

Inverse Universe

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



19.4976, 18.0080, 46.7040



29.5284, 25.6133, 83.6233



21.0085, 16.3389, 46.3022



8.6558, 8.9889, 11.3583



6.4174, 3.2945, 31.5507



0.2682, 0.2000, 1.1262

Previews

White Background



This preview shows how the XYZ color 35.1322, 38.0994, 17.0575 looks on a white background.

Color Contrast Check

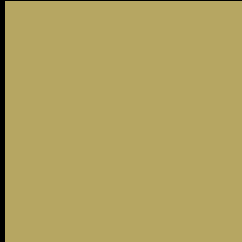
Large Text (above 18pt) WCAG AA × Fail

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 35.1322, 38.0994, 17.0575 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

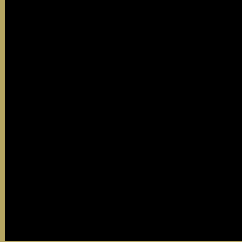
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 35.1322, 38.0994, 17.0575

Background



This preview shows how black text looks on a background with the XYZ color 35.1322, 38.0994, 17.0575.

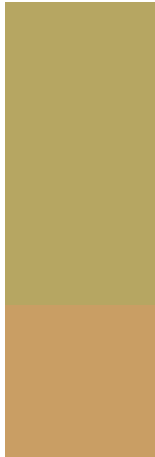


This preview shows how white text looks on a background with the XYZ color 35.1322, 38.0994,

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

35.1322, 38.0994, 17.0575

Protanopia

35.1322, 38.0994, 17.0575

Deuteranopia

38.6145, 37.7913, 17.3158



Tritanopia

40.4688, 38.1748, 43.2657

Trichromacy



Original Color

35.1322, 38.0994, 17.0575

Protanomaly

35.1322, 38.0994, 17.0575

Deuteranomaly

37.2451, 37.8599, 17.1490

Tritanomaly

38.0286, 37.9425, 31.7049

Monochromacy



Original Color

35.1322, 38.0994, 17.0575

Achromatopsia

34.8123, 36.6253, 39.8849

Achromatomaly

34.5132, 36.9610, 29.7413

CSS Examples

Text

The CSS property to change the color of the text to XYZ 35.1322, 38.0994, 17.0575 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(182, 166, 98)` looks like.

```
.text, #text, p{  
    color:rgb(182, 166, 98)  
}
```

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(182, 166, 98) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(182, 166, 98) }
```

Border

The CSS property to change the border of an element to XYZ 35.1322, 38.0994, 17.0575 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(182, 166, 98) }
```


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

```
.border{ border-color:rgb(182, 166, 98) }
```

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

Here you see how a box with a 4 pixel `rgb(182, 166, 98)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(182, 166, 98); -webkit-box-  
shadow:4px 4px 4px 4px rgb(182, 166, 98);  
box-shadow:4px 4px 4px 4px rgb(182, 166,  
98) }
```

Background

The CSS property to change the background color of an element to XYZ 35.1322, 38.0994, 17.0575 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(182, 166, 98) }
```

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

```
.background{ background-color: rgb(182,  
166, 98) }
```

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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