

Converting Colors

XYZ(36.3236, 38.1012, 32.6345)

Have a look what the booklet for
XYZ(36.3236, 38.1012, 32.6345)
contains.

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Color

**XYZ(36.3226, 38.0995,
32.6337)**

Conversions

Conversions Part 1

Format	Color
Hex	AFA592
RGB	175, 165, 146
RGB Percent	69%, 65%, 57%
CMY	0.3137, 0.3529, 0.4274
CMYK	0.00, 0.06, 0.17, 0.31
HSL	39°, 15%, 63%
HSV	39°, 17%, 69%
XYZ	36.3226, 38.0995, 32.6337
YIQ	165.8240, 12.0590, -3.7890

Conversions

Conversions Part 2

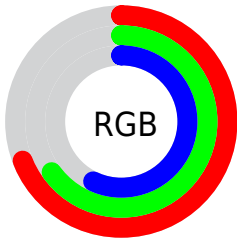
Format	Color
RYB	161, 175, 146
Decimal	11511186
CIELab	68.09, 0.37, 11.15
CIELCh	68, 11.152, 88.113
Yxy	38.0995, 0.3393, 0.3559
Android (android.graphics.Color)	4289701266 (0xFFAFA592)
YUV	165.8240, -9.7732, 8.0474
Hunter-Lab	61.7248, -2.9782, 11.8609

Details

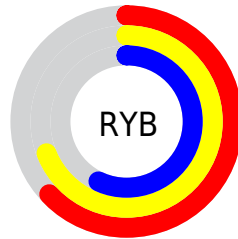
The XYZ color **36.3226, 38.0995, 32.6337** is a light color, and the websafe version is hex **999999**. A complement of this color would be **31.4803, 32.9824, 45.2647**, and the grayscale version is **36.2029, 38.0883, 41.4782**.

A 20% lighter version of the original color is **68.9735, 72.3455, 64.9724**, and **15.9967, 16.7741, 13.2211** is the 20% darker color. If you saturate the color by 10%, you get **34.0020, 35.4724, 25.6503**, and if you desaturate by 10%, it is **38.9050, 40.9160, 40.7334**.

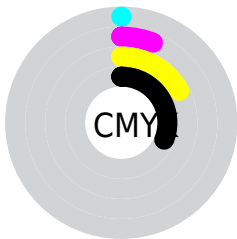
Distribution



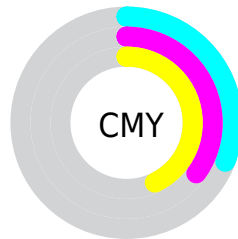
- Red (69%)
- Green (65%)
- Blue (57%)



- Red (63%)
- Yellow (69%)
- Blue (57%)



- Cyan (0%)
- Magenta (6%)
- Yellow (17%)
- Black (31%)





- Cyan (31%)
- Magenta (35%)
- Yellow (43%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 36.3226, 38.0995, 32.6337 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 36.3226, 38.0995, 32.6337 by changing the saturation by 10% instead.


 36.3226, 38.0995,
32.6337


 36.3226, 38.0995,
32.6337


321.7751,
338.0466, 328.5772

 24.8547, 26.0599,
21.5772

 68.8503, 72.2606,
64.9126

 16.0970, 16.8685,
13.3512

 90.6409, 95.1510,
86.9721

 9.6841, 10.1408,
7.5373


116.6030,
122.4270, 113.5363

 5.2507, 5.4924,
3.7168

147.1021,
154.4731, 145.0238

 2.4313, 2.5390,
1.4713

182.5035,
191.6738, 181.8531

 0.8608, 0.8961,
0.1964

223.1725,

 0.0000, 0.0000,

234.4133, 224.4427

0.0000

269.4746,
283.0761, 273.2112

■ 36.3226, 38.0995,
32.6337

■ 36.3226, 38.0995,
32.6337

■ 34.0020, 35.4724,
25.6503

■ 38.9050, 40.9160,
40.7334

■ 31.9299, 33.0244,
19.7308

■ 41.7557, 43.9218,
49.9939

■ 30.0966, 30.7518,
14.8221

■ 44.8847, 47.1233,
60.4599

■ 28.4903, 28.6487,
10.8658

■ 48.3006, 50.5248,
72.1734

■ 27.0978, 26.7086,
7.7972

■ 52.0114, 54.1307,
85.1740

■ 25.9048, 24.9246,
5.5435

■ 56.0251, 57.9451,
99.4999

■ 24.8944, 23.2887,
4.0203

■ 58.0981, 61.0717,
103.3337

■ 24.0438, 21.7904,
3.1111

■ 59.5899, 64.0551,
103.8309

■ 23.7732, 21.3018,
2.8587

■ 61.1381, 67.1515,
104.3470

Harmonies

Analogous

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



38.0068, 38.0995, 33.8757



36.3226, 38.0995, 32.6337



34.6602, 38.0995, 33.6010

Triad

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



36.3226, 38.0995, 32.6337



33.3438, 38.0995, 46.1597



39.1251, 38.0995, 46.7484

Complementary

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



36.3226, 38.0995, 32.6337



31.4803, 32.9824, 45.2647

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.



37.8103, 38.0995, 50.5122



36.3226, 38.0995, 32.6337



34.4754, 38.0995, 50.1536

Square

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



36.3226, 38.0995, 32.6337



32.9737, 38.0995, 41.1695



36.1025, 38.0995, 51.8049



39.6566, 38.0995, 41.7999

Rectangle

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



36.3226, 38.0995, 32.6337



33.7808, 38.0995, 35.4156



36.1025, 38.0995, 51.8049



38.7580, 38.0995, 48.2085

Sweetspot

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



36.3236, 38.1012, 32.6345



70.4041, 74.0560, 75.2802



33.9720, 32.0776, 35.9207



15.5728, 16.3794, 16.4905



84.5950, 89.0005, 96.9216



16.2198, 17.0645, 18.5832

Same Dimension

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



36.3236, 38.1012, 32.6345



63.4307, 66.4216, 53.4954



37.2371, 41.3542, 33.2143



8.4267, 8.8583, 8.4790



17.0836, 15.3728, 2.0668



0.5236, 0.5243, 0.0736

Inverse Universe

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



31.4803, 32.9824, 45.2647



53.0590, 55.4611, 80.5454



30.6594, 30.1708, 44.7653



7.7962, 8.1918, 10.1230



6.7631, 4.6601, 29.5876



0.2400, 0.2334, 0.8404

Previews

White Background



This preview shows how the XYZ color 36.3226, 38.0995, 32.6337 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 36.3226, 38.0995, 32.6337 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

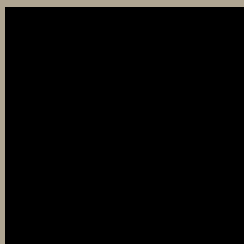
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

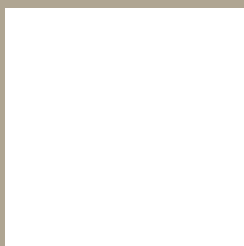
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 36.3226, 38.0995, 32.6337

Background



This preview shows how black text looks on a background with the XYZ color 36.3226, 38.0995, 32.6337.



This preview shows how white text looks on a background with the XYZ color 36.3226, 38.0995,

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

36.3226, 38.0995, 32.6337

Protanopia

36.0990, 37.9843, 32.6232

Deuteranopia

38.8235, 38.0670, 32.9052



Tritanopia

38.9753, 38.1294, 45.3499

Trichromacy



Original Color

36.3226, 38.0995, 32.6337

Protanomaly

36.0990, 37.9843, 32.6232

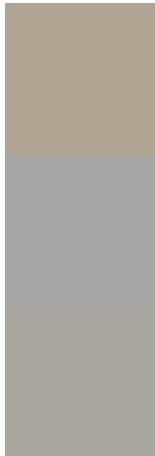
Deuteranomaly

37.9540, 38.1376, 32.9647

Tritanomaly

37.9813, 37.9860, 40.4522

Monochromacy



Original Color

36.3226, 38.0995, 32.6337

Achromatopsia

36.2450, 38.1326, 41.5264

Achromatomaly

36.2564, 38.2107, 38.2654

CSS Examples

Text

The CSS property to change the color of the text to XYZ 36.3226, 38.0995, 32.6337 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(175, 165, 146)` looks like.

```
.text, #text, p{  
    color:rgb(175, 165, 146)  
}
```

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(175, 165, 146) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(175, 165, 146) }
```

Border

The CSS property to change the border of an element to XYZ 36.3226, 38.0995, 32.6337 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(175, 165, 146) }
```


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

```
.border{ border-color:rgb(175, 165, 146) }
```

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

Here you see how a box with a 4 pixel `rgb(175, 165, 146)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(175, 165, 146); -webkit-box-  
shadow:4px 4px 4px 4px rgb(175, 165, 146);  
box-shadow:4px 4px 4px 4px rgb(175, 165,  
146) }
```

Background

The CSS property to change the background color of an element to XYZ 36.3226, 38.0995, 32.6337 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(175, 165, 146) }
```

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

```
.background{ background-color: rgb(175,  
165, 146) }
```

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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