

Converting Colors

XYZ(36.3473, 38.0831, 33.3482)

Have a look what the booklet for
XYZ(36.3473, 38.0831, 33.3482)
contains.

XYZ(36.4796, 38.1623, 33.4604)	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(36.4796, 38.1623,
33.4604)**

Conversions

Conversions Part 1

Format	Color
Hex	AFA594
RGB	175, 165, 148
RGB Percent	69%, 65%, 58%
CMY	0.3137, 0.3529, 0.4196
CMYK	0.00, 0.06, 0.15, 0.31
HSL	38°, 14%, 63%
HSV	38°, 15%, 69%
XYZ	36.4796, 38.1623, 33.4604
YIQ	166.0520, 11.4170, -3.1670

Conversions

Conversions Part 2

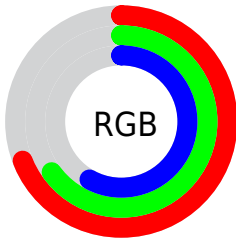
Format	Color
RYB	164, 175, 148
Decimal	11511188
CIELab	68.14, 0.69, 10.10
CIELCh	68, 10.128, 86.092
Yxy	38.1623, 0.3375, 0.3530
Android (android.graphics.Color)	4289701268 (0xFFAFA594)
YUV	166.0520, -8.8996, 7.8474
Hunter-Lab	61.7756, -2.7000, 11.1289

Details

The XYZ color **36.4796, 38.1623, 33.4604** is a light color, and the websafe version is hex **999999**. A complement of this color would be **32.1774, 33.8441, 45.3944**, and the grayscale version is **36.3093, 38.2002, 41.6000**.

A 20% lighter version of the original color is **69.2089, 72.4396, 66.2117**, and **16.0888, 16.8109, 13.7061** is the 20% darker color. If you saturate the color by 10%, you get **34.0589, 35.3724, 26.3284**, and if you desaturate by 10%, it is **39.1710, 41.1578, 41.7168**.

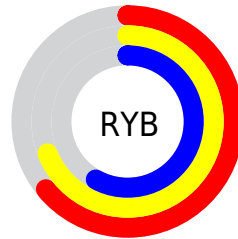
Distribution



Red (69%)

Green (65%)

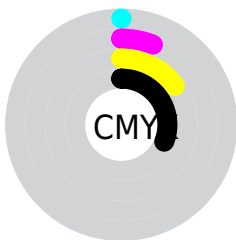
Blue (58%)



Red (64%)

Yellow (69%)

Blue (58%)

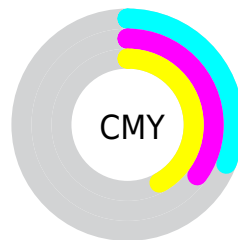


Cyan (0%)

Magenta (6%)

Yellow (15%)

Black (31%)



Cyan (31%)


Magenta (35%)


Yellow (42%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 36.4796, 38.1623, 33.4604 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 36.4796, 38.1623, 33.4604 by changing the saturation by 10% instead.


 36.4796, 38.1623,
33.4604


 36.4796, 38.1623,
33.4604


322.4468,
338.3157, 332.4147

 24.9766, 26.1087,
22.2054


 69.0907, 72.3568,
66.2179

 16.1883, 16.9050,
13.8081

 90.9296, 95.2665,
88.5575

 9.7492, 10.1668,
7.8501


116.9445,
122.5637, 115.4291

 5.2940, 5.5097,
3.9128

147.5008,
154.6328, 147.2511

 2.4573, 2.5493,
1.5776

182.9638,
191.8581, 184.4421

 0.8738, 0.9012,
0.2748

223.6989,

 0.0000, 0.0000,

234.6241, 227.4207

0.0000

270.0714,
283.3152, 276.6053

■ 36.4796, 38.1623,
33.4604

■ 36.4796, 38.1623,
33.4604

■ 34.0589, 35.3724,
26.3284

■ 39.1710, 41.1578,
41.7168

■ 31.8957, 32.7776,
20.2688

■ 42.1397, 44.3590,
51.1417

■ 29.9799, 30.3737,
15.2289

■ 45.3959, 47.7726,
61.7798

■ 28.2997, 28.1546,
11.1508

■ 48.9481, 51.4034,
73.6728

■ 26.8422, 26.1134,
7.9704

■ 52.8047, 55.2560,
86.8602

■ 25.5927, 24.2430,
5.6161

■ 56.9736, 59.3347,
101.3799

■ 24.5346, 22.5351,
4.0049

■ 58.8647, 62.6049,
103.5892

■ 23.6473, 20.9798,
3.0329

■ 60.5006, 65.8766,
104.1345

■ 23.2777, 20.3107,
2.6935

■ 62.2020, 69.2794,
104.7016

Harmonies

Analogous

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



37.9939, 38.1623, 34.7399



36.4796, 38.1623, 33.4604



34.9520, 38.1623, 34.2162

Triad

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



36.4796, 38.1623, 33.4604



33.6109, 38.1623, 45.4987



38.8530, 38.1623, 46.5987

Complementary

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



36.4796, 38.1623, 33.4604



32.1774, 33.8441, 45.3944

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.



37.6251, 38.1623, 49.8684



36.4796, 38.1623, 33.4604



34.6032, 38.1623, 49.2016

Square

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



36.4796, 38.1623, 33.4604



33.3241, 38.1623, 40.9620



36.0654, 38.1623, 50.8536



39.3891, 38.1623, 42.1482

Rectangle

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



36.4796, 38.1623, 33.4604



34.1266, 38.1623, 35.8044



36.0654, 38.1623, 50.8536



38.5058, 38.1623, 47.8846

Sweetspot

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



36.4806, 38.1640, 33.4612



70.3267, 73.9012, 75.2544



34.4713, 32.7750, 37.0158



15.5533, 16.3405, 16.4840



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.



36.4806, 38.1640, 33.4612



63.5872, 66.3573, 54.7106



37.6560, 41.5521, 34.0532



8.4096, 8.8241, 8.4733



16.7301, 14.6657, 1.9490



0.5154, 0.5080, 0.0709

Inverse Universe

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



32.1774, 33.8441, 45.3944



54.1913, 56.9261, 80.7685



31.1186, 30.8692, 44.8759



7.8127, 8.2248, 10.1285



6.9412, 5.0162, 29.6469



0.2464, 0.2461, 0.8425

Previews

White Background



This preview shows how the XYZ color 36.4796, 38.1623, 33.4604 looks on a white background.

Color Contrast Check

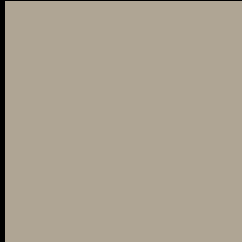
Large Text (above 18pt) WCAG AA × Fail

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 36.4796, 38.1623, 33.4604 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

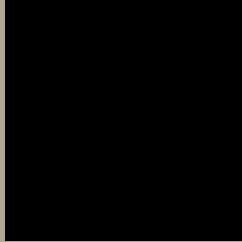
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

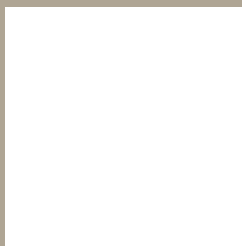
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 36.4796, 38.1623, 33.4604

Background



This preview shows how black text looks on a background with the XYZ color 36.4796, 38.1623, 33.4604.



This preview shows how white text looks on a background with the XYZ color 36.4796, 38.1623,

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

36.4796, 38.1623, 33.4604

Protanopia

36.2151, 38.2948, 33.4999

Deuteranopia

38.7347, 38.0029, 33.7275



Tritanopia

38.7449, 38.0107, 45.3391

Trichromacy



Original Color

36.4796, 38.1623, 33.4604

Protanomaly

36.4371, 38.4092, 33.5103

Deuteranomaly

37.8736, 38.0779, 33.7874

Tritanomaly

37.8433, 37.9044, 40.9190

Monochromacy



Original Color

36.4796, 38.1623, 33.4604

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 36.4796, 38.1623, 33.4604 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, 148)` looks like.

```
.text, #text, p{  
    color:rgb(175, 165, 148)  
}
```

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, 148) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(175, 165, 148) }
```

Border

The CSS property to change the border of an element to XYZ 36.4796, 38.1623, 33.4604 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, 148) }
```


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

```
.border{ border-color:rgb(175, 165, 148) }
```

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, 148)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(175, 165, 148); -webkit-box-  
shadow:4px 4px 4px 4px rgb(175, 165, 148);  
box-shadow:4px 4px 4px 4px rgb(175, 165,  
148) }
```

Background

The CSS property to change the background color of an element to XYZ 36.4796, 38.1623, 33.4604 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, 148) }
```

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

```
.background{ background-color: rgb(175,  
165, 148) }
```

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