

Converting Colors

XYZ(36.1125, 37.4688, 32.1169)

Have a look what the booklet for
XYZ(36.1125, 37.4688, 32.1169)
contains.

XYZ(36.1125, 37.4688, 32.1169)	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(36.1125, 37.4688,
32.1169)**

Conversions

Conversions Part 1

Format	Color
Hex	B0A391
RGB	176, 163, 145
RGB Percent	69%, 64%, 57%
CMY	0.3098, 0.3608, 0.4314
CMYK	0.00, 0.07, 0.18, 0.31
HSL	35°, 16%, 63%
HSV	35°, 18%, 69%
XYZ	36.1125, 37.4688, 32.1169
YIQ	164.8350, 13.5260, -2.8420

Conversions

Conversions Part 2

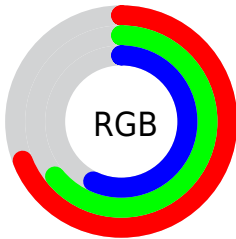
Format	Color
RYB	167, 176, 145
Decimal	11576209
CIELab	67.63, 1.68, 11.05
CIElCh	68, 11.178, 81.369
Yxy	37.4688, 0.3417, 0.3545
Android (android.graphics.Color)	4289766289 (0xFFB0A391)
YUV	164.8350, -9.7787, 9.7917
Hunter-Lab	61.2118, -1.8127, 11.7397

Details

The XYZ color **36.1125, 37.4688, 32.1169** is a light color, and the websafe version is hex **999999**. A complement of this color would be **31.7402, 33.6073, 45.8885**, and the grayscale version is **35.7267, 37.5873, 40.9326**.

A 20% lighter version of the original color is **68.6589, 71.4221, 64.2000**, and **15.9184, 16.4061, 13.1542** is the 20% darker color. If you saturate the color by 10%, you get **33.5873, 34.4245, 25.0904**, and if you desaturate by 10%, it is **38.9264, 40.7535, 40.2779**.

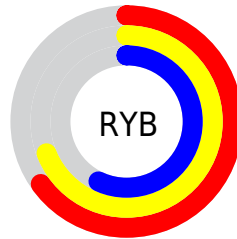
Distribution



Red (69%)

Green (64%)

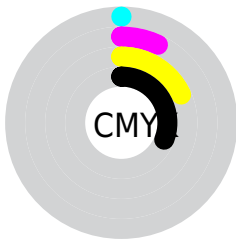
Blue (57%)



Red (65%)

Yellow (69%)

Blue (57%)

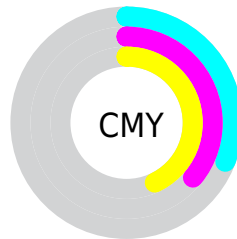


Cyan (0%)

Magenta (7%)

Yellow (18%)

Black (31%)



Cyan (31%)


Magenta (36%)


Yellow (43%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 36.1125, 37.4688, 32.1169 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 36.1125, 37.4688, 32.1169 by changing the saturation by 10% instead.


 36.1125, 37.4688,
32.1169


 36.1125, 37.4688,
32.1169


320.8747,
335.3357, 326.1605

 24.6916, 25.5707,
21.1852


 68.5284, 71.2932,
64.0943

 15.9749, 16.5027,
13.0669


 90.2541, 93.9883,
85.9772

 9.5972, 9.8806,
7.3434


116.1455,
121.0511, 112.3476

 5.1929, 5.3199,
3.5961

146.5679,
152.8661, 143.6239

 2.3968, 2.4361,
1.4065

181.8867,
189.8177, 180.2249

 0.8435, 0.8444,
0.1468

222.4671,

 0.0000, 0.0000,

232.2902, 222.5690

0.0000

268.6747,
280.6681, 271.0747

■ 36.1125, 37.4688,
32.1169

■ 36.1125, 37.4688,
32.1169

■ 33.5873, 34.4245,
25.0904

■ 38.9264, 40.7535,
40.2779

■ 31.3370, 31.6090,
19.1447

■ 42.0364, 44.2797,
49.6189

■ 29.3507, 29.0174,
14.2253

■ 45.4531, 48.0549,
60.1859

■ 27.6157, 26.6422,
10.2722

■ 49.1858, 52.0847,
72.0217

■ 26.1182, 24.4757,
7.2187

■ 53.2434, 56.3746,
85.1671

■ 24.8425, 22.5094,
4.9899

■ 57.6342, 60.9297,
99.6608

■ 23.7706, 20.7336,
3.4982

■ 60.1673, 64.8755,
103.9588

■ 22.8754, 19.1350,
2.6084

■ 62.0848, 68.7105,
104.5980

■ 22.6770, 18.7750,
2.4287

■ 64.0881, 72.7172,
105.2658

Harmonies

Analogous

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



37.7216, 37.4688, 33.8249



36.1125, 37.4688, 32.1169



34.4194, 37.4688, 32.5836

Triad

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



36.1125, 37.4688, 32.1169



32.6159, 37.4688, 44.3530



38.2643, 37.4688, 47.0121

Complementary

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



36.1125, 37.4688, 32.1169



31.7402, 33.6073, 45.8885

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.



36.8338, 37.4688, 50.2865



36.1125, 37.4688, 32.1169



33.5844, 37.4688, 48.6672

Square

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



36.1125, 37.4688, 32.1169



32.4368, 37.4688, 39.3897



35.1181, 37.4688, 50.9154



38.9900, 37.4688, 42.2378

Rectangle

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



36.1125, 37.4688, 32.1169



33.4679, 37.4688, 34.0827



35.1181, 37.4688, 50.9154



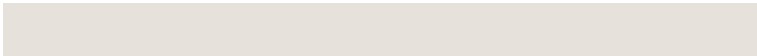
37.8478, 37.4688, 48.3402

Sweetspot

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



36.1135, 37.4705, 32.1177



71.9723, 75.4862, 77.1238



34.2392, 31.9649, 36.9093



15.5161, 16.2660, 16.4716



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.



36.1135, 37.4705, 32.1177



63.7176, 65.8348, 53.2294



38.0772, 42.0863, 32.9051



8.8925, 9.2976, 8.9785



16.6973, 13.8932, 1.8016



0.5815, 0.5494, 0.0754

Inverse Universe

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



31.7402, 33.6073, 45.8885



54.3463, 57.5574, 82.7406



30.0069, 29.5951, 45.2054



8.3250, 8.7961, 10.7654



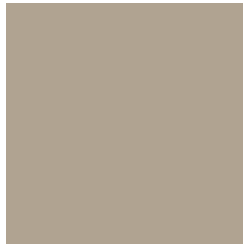
7.5913, 5.9829, 30.8917



0.2971, 0.3047, 0.9914

Previews

White Background



This preview shows how the XYZ color 36.1125, 37.4688, 32.1169 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 36.1125, 37.4688, 32.1169 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

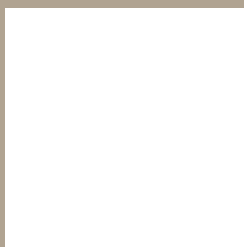
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 36.1125, 37.4688, 32.1169

Background



This preview shows how black text looks on a background with the XYZ color 36.1125, 37.4688, 32.1169.



This preview shows how white text looks on a background with the XYZ color 36.1125, 37.4688,

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

36.1125, 37.4688, 32.1169

Protanopia

35.4770, 37.3969, 32.5426

Deuteranopia

38.3255, 37.5630, 32.4245



Tritanopia

38.4349, 37.3585, 44.2149

Trichromacy



Original Color

36.1125, 37.4688, 32.1169

Protanomaly

35.6973, 37.5105, 32.5529

Deuteranomaly

37.5263, 37.4073, 32.4366

Tritanomaly

37.4525, 37.2152, 39.3917

Monochromacy



Original Color

36.1125, 37.4688, 32.1169

Achromatopsia

35.7637, 37.6262, 40.9749

Achromatomaly

35.8092, 37.4546, 37.6899

CSS Examples

Text

The CSS property to change the color of the text to XYZ 36.1125, 37.4688, 32.1169 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(176, 163, 145)` looks like.

```
.text, #text, p{  
    color:rgb(176, 163, 145)  
}
```

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(176, 163, 145) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(176, 163, 145) }
```

Border

The CSS property to change the border of an element to XYZ 36.1125, 37.4688, 32.1169 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(176, 163, 145) }
```


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

```
.border{ border-color:rgb(176, 163, 145) }
```

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

Here you see how a box with a 4 pixel `rgb(176, 163, 145)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(176, 163, 145); -webkit-box-shadow:4px 4px 4px 4px rgb(176, 163, 145); box-shadow:4px 4px 4px 4px rgb(176, 163, 145) }
```

Background

The CSS property to change the background color of an element to XYZ 36.1125, 37.4688, 32.1169 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(176, 163, 145) }
```

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

```
.background{ background-color: rgb(176,  
163, 145) }
```

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