

Converting Colors

XYZ(36.5883, 37.4344, 37.6641)

Have a look what the booklet for
XYZ(36.5883, 37.4344, 37.6641)
contains.

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Color

**XYZ(36.5474, 37.3080,
37.6226)**

Conversions

Conversions Part 1

Format	Color
Hex	AEA29E
RGB	174, 162, 158
RGB Percent	68%, 64%, 62%
CMY	0.3176, 0.3647, 0.3804
CMYK	0.00, 0.07, 0.09, 0.32
HSL	15°, 9%, 65%
HSV	15°, 9%, 68%
XYZ	36.5474, 37.3080, 37.6226
YIQ	165.1320, 8.4360, 1.3000

Conversions

Conversions Part 2

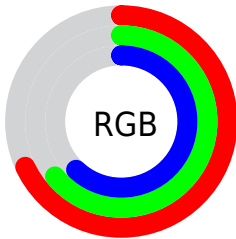
Format	Color
RYB	174, 163, 158
Decimal	11444894
CIELab	67.51, 3.64, 3.63
CIELCh	68, 5.145, 44.944
Yxy	37.3080, 0.3278, 0.3347
Android (android.graphics.Color)	4289634974 (0xFFAEA29E)
YUV	165.1320, -3.5161, 7.7772
Hunter-Lab	61.0803, -0.0850, 6.2363

Details

The XYZ color **36.5474, 37.3080, 37.6226** is a light color, and the websafe version is hex **999999**. A complement of this color would be **36.1149, 39.0735, 45.6831**, and the grayscale version is **35.8419, 37.7084, 41.0645**.

A 20% lighter version of the original color is **69.4562, 71.2528, 73.0432**, and **16.2558, 16.3510, 16.2092** is the 20% darker color. If you saturate the color by 10%, you get **32.9746, 32.3917, 29.5582**, and if you desaturate by 10%, it is **40.5728, 42.7893, 46.8850**.

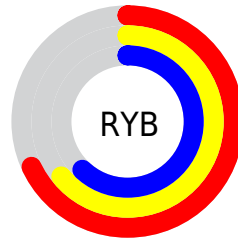
Distribution



Red (68%)

Green (64%)

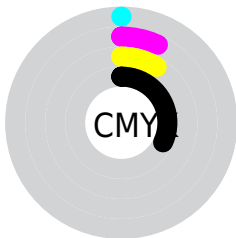
Blue (62%)



Red (68%)

Yellow (64%)

Blue (62%)

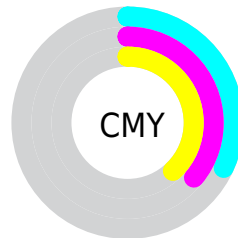


Cyan (0%)

Magenta (7%)

Yellow (9%)

Black (32%)



Cyan (32%)


Magenta (36%)

Yellow (38%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 36.5474, 37.3080, 37.6226 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 36.5474, 37.3080, 37.6226 by changing the saturation by 10% instead.


 36.5474, 37.3080,
37.6226


 36.5474, 37.3080,
37.6226

322.7365,
334.6421, 351.2478

 25.0293, 25.4461,
25.3904

 69.1945, 71.0462,
72.7263

 16.2278, 16.4097,
16.1465


 91.0542, 93.6913,
96.4348

 9.7773, 9.8145,
9.4724


117.0919,
120.6996, 124.8059

 5.3127, 5.2762,
4.9496

147.6728,
152.4554, 158.2580

 2.4685, 2.4102,
2.1595

183.1624,
189.3431, 197.2097

 0.8794, 0.8311,
0.6508

223.9260,

 0.0000, 0.0000,

231.7472, 242.0795

0.0000

270.3289,
280.0521, 293.2860

■ 36.5474, 37.3080,
37.6226

■ 36.5474, 37.3080,
37.6226

■ 32.9746, 32.3917,
29.5582

■ 40.5728, 42.7893,
46.8850

■ 29.8352, 28.0175,
22.6403

■ 45.0630, 48.8479,
57.3894

■ 27.1132, 24.1679,
16.8173

■ 50.0336, 55.5018,
69.1801

■ 24.7903, 20.8231,
12.0325

■ 55.4984, 62.7669,
82.2990

■ 22.8469, 17.9614,
8.2241

■ 61.4707, 70.6582,
96.7858

■ 21.2614, 15.5598,
5.3238

■ 66.7486, 78.7046,
106.2812

■ 20.0102, 13.5934,
3.2543

■ 70.7343, 86.6761,
107.6098

■ 19.0663, 12.0346,
1.9252

■ 71.2657, 87.7387,
107.7869

■ 18.3861, 10.8474,
1.1649

Harmonies

Analogous

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



36.9498, 37.3080, 39.5094



36.5474, 37.3080, 37.6226



35.8566, 37.3080, 36.5599

Triad

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



36.5474, 37.3080, 37.6226



34.0118, 37.3080, 39.5012



35.8537, 37.3080, 44.9768

Complementary

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



36.5474, 37.3080, 37.6226



36.1149, 39.0735, 45.6831

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.



35.0666, 37.3080, 44.9745



36.5474, 37.3080, 37.6226



34.0111, 37.3080, 41.7555

Square

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



36.5474, 37.3080, 37.6226



34.3967, 37.3080, 37.6168



34.3946, 37.3080, 43.7769



36.5452, 37.3080, 43.7833

Rectangle

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



36.5474, 37.3080, 37.6226



35.3293, 37.3080, 36.4358



34.3946, 37.3080, 43.7769



35.5913, 37.3080, 45.1173

Sweetspot

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



36.5484, 37.3096, 37.6234



70.6800, 73.6579, 78.3006



36.9385, 36.3551, 43.1009



15.5788, 16.1935, 17.1021



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.



36.5484, 37.3096, 37.6234



64.9343, 65.8114, 65.1486



38.0021, 40.2171, 38.1080



8.1620, 8.3289, 8.3908



13.3425, 7.8905, 0.8198



0.4145, 0.3062, 0.0373

Inverse Universe

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



36.1149, 39.0735, 45.6831



63.9896, 69.6541, 82.7089



34.6613, 36.1662, 45.1986



8.0641, 8.7275, 10.2123



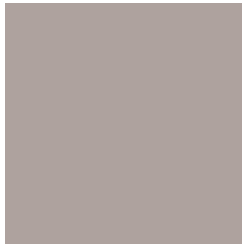
11.4246, 13.9830, 31.1414



0.3578, 0.4690, 0.8797

Previews

White Background



This preview shows how the XYZ color 36.5474, 37.3080, 37.6226 looks on a white background.

Color Contrast Check

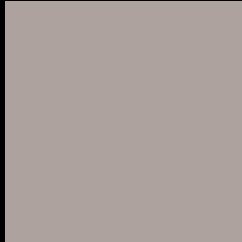
Large Text (above 18pt) WCAG AA × Fail

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 36.5474, 37.3080, 37.6226 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

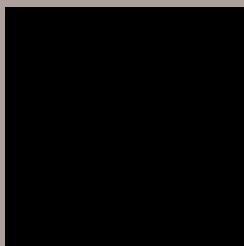
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

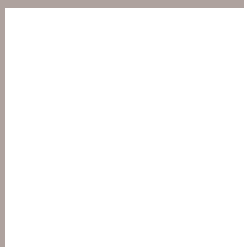
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 36.5474, 37.3080, 37.6226

Background



This preview shows how black text looks on a background with the XYZ color 36.5474, 37.3080, 37.6226.



This preview shows how white text looks on a background with the XYZ color 36.5474, 37.3080,

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

36.5474, 37.3080, 37.6226

Protanopia

35.8957, 37.4891, 38.1451

Deuteranopia

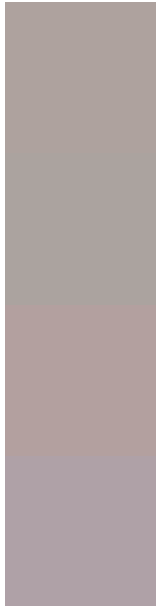
37.9475, 37.2446, 37.9898



Tritanopia

37.9217, 37.3503, 44.2404

Trichromacy



Original Color

36.5474, 37.3080, 37.6226

Protanomaly

36.1498, 37.3555, 38.1059

Deuteranomaly

37.4192, 37.2285, 38.0145

Tritanomaly

37.3991, 37.3937, 41.8058

Monochromacy



Original Color

36.5474, 37.3080, 37.6226

Achromatopsia

35.7637, 37.6262, 40.9749

Achromatomaly

35.9455, 37.4844, 39.5231

CSS Examples

Text

The CSS property to change the color of the text to XYZ 36.5474, 37.3080, 37.6226 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(174, 162, 158)` looks like.

```
.text, #text, p{  
    color:rgb(174, 162, 158)  
}
```

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(174, 162, 158) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(174, 162, 158) }
```

Border

The CSS property to change the border of an element to XYZ 36.5474, 37.3080, 37.6226 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(174, 162, 158) }
```


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

```
.border{ border-color:rgb(174, 162, 158) }
```

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

Here you see how a box with a 4 pixel `rgb(174, 162, 158)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(174, 162, 158); -webkit-box-  
shadow:4px 4px 4px 4px rgb(174, 162, 158);  
box-shadow:4px 4px 4px 4px rgb(174, 162,  
158) }
```

Background

The CSS property to change the background color of an element to XYZ 36.5474, 37.3080, 37.6226 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(174, 162, 158) }
```

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

```
.background{ background-color: rgb(174,  
162, 158) }
```

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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