

Converting Colors

XYZ(37.6722, 36.6531, 46.7902)

Have a look what the booklet for
XYZ(37.6722, 36.6531, 46.7902)
contains.

XYZ(37.6182, 36.6267, 46.6819)	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(37.6182, 36.6267,
46.6819)**

Conversions

Conversions Part 1

Format	Color
Hex	AE9EB1
RGB	174, 158, 177
RGB Percent	68%, 62%, 69%
CMY	0.3176, 0.3804, 0.3059
CMYK	0.02, 0.11, 0.00, 0.31
HSL	291°, 11%, 66%
HSV	291°, 11%, 69%
XYZ	37.6182, 36.6267, 46.6819
YIQ	164.9500, 3.4370, 9.3010

Conversions

Conversions Part 2

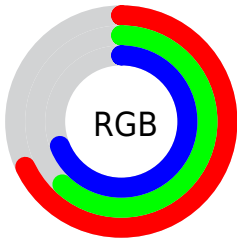
Format	Color
RYB	174, 158, 177
Decimal	11443889
CIELab	67.00, 9.36, -7.71
CIELCh	67, 12.130, 320.523
Yxy	36.6267, 0.3111, 0.3029
Android (android.graphics.Color)	4289633969 (0xFFAE9EB1)
YUV	164.9500, 5.9407, 7.9369
Hunter-Lab	60.5200, 5.0426, -3.3691

Details

The XYZ color **37.6182, 36.6267, 46.6819** is a light color, and the websafe version is hex **999999**. A complement of this color would be **36.5930, 41.4909, 38.4295**, and the grayscale version is **35.7124, 37.5722, 40.9161**.

A 20% lighter version of the original color is **71.1354, 70.2947, 86.9098**, and **16.9218, 16.1082, 21.2861** is the 20% darker color. If you saturate the color by 10%, you get **34.1980, 30.7006, 45.7189**, and if you desaturate by 10%, it is **41.4884, 43.4323, 47.7921**.

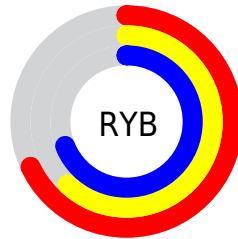
Distribution



Red (68%)

Green (62%)

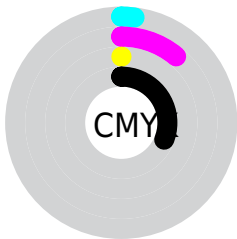
Blue (69%)



Red (68%)

Yellow (62%)

Blue (69%)

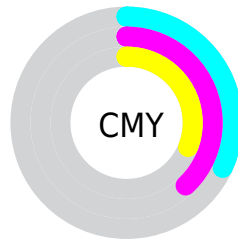


Cyan (2%)

Magenta (11%)

Yellow (0%)

Black (31%)



Cyan (32%)

Magenta (38%)

Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 37.6182, 36.6267, 46.6819 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 37.6182, 36.6267, 46.6819 by changing the saturation by 10% instead.

■ 37.6182, 36.6267,
46.6819

■ 37.6182, 36.6267,
46.6819

327.2885,
331.6915, 389.9003

■ 25.8624, 24.9186,
32.4317

■ 70.8302, 69.9983,
86.5836

■ 16.8528, 16.0164,
21.4239

■ 93.0172, 92.4305,
113.0722

■ 10.2243, 9.5358,
13.2400

119.4118,
119.2063, 144.4774

■ 5.6113, 5.0923,
7.4613

150.3795,
150.7100, 181.2176

■ 2.6486, 2.3015,
3.6695

186.2857,
187.3259, 223.7115

■ 0.9708, 0.7745,
1.4458

227.4957,

■ 0.0000, 0.0000,

229.4386, 272.3775

0.1771

274.3749,
277.4323, 327.6343

■ 0.0000, 0.0000,
0.0000

■ 37.6182, 36.6267,
46.6819

■ 37.6182, 36.6267,
46.6819

■ 34.1980, 30.7006,
45.7189

■ 41.4884, 43.4323,
47.7921

■ 31.2059, 25.6122,
44.8944

■ 45.8227, 51.1476,
49.0528

■ 28.6232, 21.3235,
44.2027

■ 50.6389, 59.8070,
50.4704

■ 26.4282, 17.7914,
43.6366

■ 55.9525, 69.4417,
52.0501

■ 24.5975, 14.9691,
43.1884

■ 61.7786, 80.0816,
53.7967

■ 23.1048, 12.8042,
42.8492

■ 65.1243, 85.7411,
54.7128

■ 21.9204, 11.2372,
42.6091

■ 65.8329, 86.1064,
54.7459

■ 21.0090, 10.1978,
42.4566

■ 66.5550, 86.4787,
54.7797

■ 20.3395, 9.5687,
42.3704

■ 67.2907, 86.8579,
54.8141

Harmonies

Analogous

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



36.0689, 36.6267, 50.1525



37.6182, 36.6267, 46.6819



38.4237, 36.6267, 41.5735

Triad

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



37.6182, 36.6267, 46.6819



35.3989, 36.6267, 30.6898



31.6003, 36.6267, 43.5426

Complementary

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



37.6182, 36.6267, 46.6819



36.5930, 41.4909, 38.4295

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.



31.4351, 36.6267, 38.2336



37.6182, 36.6267, 46.6819



33.5858, 36.6267, 31.1161

Square

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



37.6182, 36.6267, 46.6819



37.1129, 36.6267, 32.5529



32.1500, 36.6267, 33.7736



32.6093, 36.6267, 48.2321

Rectangle

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



37.6182, 36.6267, 46.6819



38.4117, 36.6267, 38.0565



32.1500, 36.6267, 33.7736



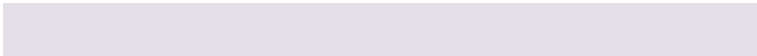
31.4456, 36.6267, 41.7613

Sweetspot

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



37.6193, 36.6283, 46.6827



72.6237, 74.8165, 85.1087



34.8119, 35.9932, 46.7081



15.6161, 15.9976, 18.4091



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.



37.6193, 36.6283, 46.6827



65.7751, 62.8123, 83.1526



37.6784, 36.7300, 43.4664



8.7156, 8.5774, 10.7026



14.7787, 6.9545, 30.7004



0.5003, 0.2370, 0.9676

Inverse Universe

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



36.7926, 36.3757, 38.8021



63.9939, 62.2716, 66.0105



36.5550, 41.4067, 41.3471



8.5493, 8.5264, 9.1249



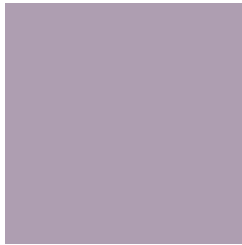
13.3034, 6.8389, 1.4918



0.4354, 0.2219, 0.1355

Previews

White Background



This preview shows how the XYZ color 37.6182, 36.6267, 46.6819 looks on a white background.

Color Contrast Check

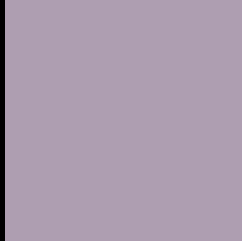
Large Text (above 18pt) WCAG AA × Fail

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 37.6182, 36.6267, 46.6819 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

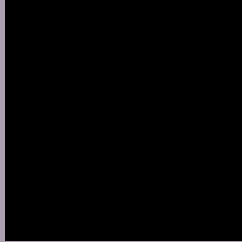
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 37.6182, 36.6267, 46.6819

Background



This preview shows how black text looks on a background with the XYZ color 37.6182, 36.6267, 46.6819.



This preview shows how white text looks on a background with the XYZ color 37.6182, 36.6267,

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

37.6182, 36.6267, 46.6819

Protanopia

35.7550, 36.6724, 47.8418

Deuteranopia

37.5675, 36.8548, 46.7286



Tritanopia

36.9824, 36.6208, 43.6474

Trichromacy



Original Color

37.6182, 36.6267, 46.6819

Protanomaly

36.5066, 36.8111, 47.3006

Deuteranomaly

37.5675, 36.8548, 46.7286

Tritanomaly

37.1745, 36.6976, 44.6592

Monochromacy



Original Color

37.6182, 36.6267, 46.6819

Achromatopsia

35.7637, 37.6262, 40.9749

Achromatomaly

36.2302, 37.0301, 42.7741

CSS Examples

Text

The CSS property to change the color of the text to XYZ 37.6182, 36.6267, 46.6819 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, 158, 177)` looks like.

```
.text, #text, p{  
    color:rgb(174, 158, 177)  
}
```

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, 158, 177) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(174, 158, 177) }
```

Border

The CSS property to change the border of an element to XYZ 37.6182, 36.6267, 46.6819 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, 158, 177) }
```


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

```
.border{ border-color:rgb(174, 158, 177) }
```

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

Here you see how a box with a 4 pixel `rgb(174, 158, 177)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(174, 158, 177); -webkit-box-  
shadow:4px 4px 4px 4px rgb(174, 158, 177);  
box-shadow:4px 4px 4px 4px rgb(174, 158,  
177) }
```

Background

The CSS property to change the background color of an element to XYZ 37.6182, 36.6267, 46.6819 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(174, 158, 177) }
```

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

```
.background{ background-color: rgb(174,  
158, 177) }
```

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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