

Converting Colors

XYZ(37.9219, 38.8310, 41.7623)

Have a look what the booklet for
XYZ(37.9219, 38.8310, 41.7623)
contains.

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Color

**XYZ(37.7936, 38.6621,
41.5470)**

Conversions

Conversions Part 1

Format	Color
Hex	AEA5A6
RGB	174, 165, 166
RGB Percent	68%, 65%, 65%
CMY	0.3176, 0.3529, 0.3490
CMYK	0.00, 0.05, 0.05, 0.32
HSL	353°, 5%, 66%
HSV	353°, 5%, 68%
XYZ	37.7936, 38.6621, 41.5470
YIQ	167.8050, 5.0430, 2.2190

Conversions

Conversions Part 2

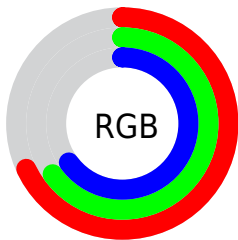
Format	Color
RYB	174, 165, 166
Decimal	11445670
CIELab	68.51, 3.43, 0.64
CIElCh	69, 3.484, 10.530
Yxy	38.6621, 0.3203, 0.3276
Android (android.graphics.Color)	4289635750 (0xFFAEA5A6)
YUV	167.8050, -0.8899, 5.4330
Hunter-Lab	62.1789, -0.3170, 3.9085

Details

The XYZ color **37.7936, 38.6621, 41.5470** is a light color, and the websafe version is hex **999999**. A complement of this color would be **38.1973, 41.2895, 45.4936**, and the grayscale version is **37.1272, 39.0607, 42.5371**.

A 20% lighter version of the original color is **70.9574, 73.0649, 78.7697**, and **16.9684, 17.1627, 18.3380** is the 20% darker color. If you saturate the color by 10%, you get **33.5314, 32.2737, 33.5403**, and if you desaturate by 10%, it is **42.6558, 45.9762, 50.5971**.

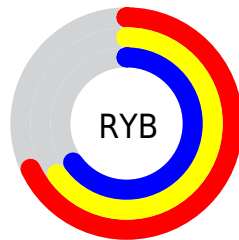
Distribution



Red (68%)

Green (65%)

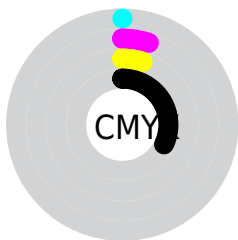
Blue (65%)



Red (68%)

Yellow (65%)

Blue (65%)

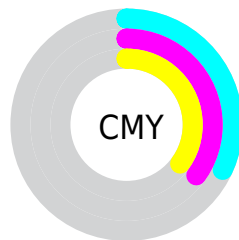


Cyan (0%)

Magenta (5%)

Yellow (5%)

Black (32%)



Cyan (32%)

Magenta (35%)

Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 37.7936, 38.6621, 41.5470 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 37.7936, 38.6621, 41.5470 by changing the saturation by 10% instead.

■ 37.7936, 38.6621,
41.5470

■ 37.7936, 38.6621,
41.5470

328.0299,
340.4517, 368.3457

■ 25.9990, 26.4970,
28.4238

■ 71.0976, 73.1218,
78.7762

■ 16.9556, 17.1958,
18.4036

■ 93.3378, 96.1852,
103.7194

■ 10.2979, 10.3742,
11.0677

119.7905,
123.6502, 133.4396

■ 5.6607, 5.6478,
5.9976

150.8211,
155.9010, 168.3554

■ 2.6786, 2.6321,
2.7749

186.7950,
193.3222, 208.8854

■ 0.9862, 0.9428,
0.9809

228.0775,

■ 0.0000, 0.0000,

236.2981, 255.4481

0.0000

275.0341,
285.2132, 308.4620

■ 37.7936, 38.6621,
41.5470

■ 37.7936, 38.6621,
41.5470

■ 33.5314, 32.2737,
33.5403

■ 42.6558, 45.9762,
50.5971

■ 29.8428, 26.7693,
26.5370

■ 48.1365, 54.2455,
60.7236

■ 26.7041, 22.1114,
20.4982

■ 54.2577, 63.5045,
71.9613

■ 24.0889, 18.2579,
15.3815

■ 61.0391, 73.7845,
84.3425

■ 21.9686, 15.1634,
11.1415

■ 68.4998, 85.1154,
97.8984

■ 20.3117, 12.7774,
7.7287

■ 71.2657, 87.7388,
107.7869

■ 19.0831, 11.0438,
5.0887

■ 18.2428, 9.8977,
3.1607

■ 17.7420, 9.2592,
1.8742

Harmonies

Analogous

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



37.7503, 38.6621, 43.1110



37.7936, 38.6621, 41.5470



37.5544, 38.6621, 40.1644

Triad

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



37.7936, 38.6621, 41.5470



36.0662, 38.6621, 39.8427



36.3968, 38.6621, 45.0082

Complementary

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



37.7936, 38.6621, 41.5470



38.1973, 41.2895, 45.4936

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.



35.9516, 38.6621, 44.0895



37.7936, 38.6621, 41.5470



35.7620, 38.6621, 41.0979

Square

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



37.7936, 38.6621, 41.5470



36.5548, 38.6621, 39.1968



35.7202, 38.6621, 42.6507



36.9402, 38.6621, 45.1357

Rectangle

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



37.7936, 38.6621, 41.5470



37.2683, 38.6621, 39.5218



35.7202, 38.6621, 42.6507



36.2309, 38.6621, 44.7806

Sweetspot

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



37.7947, 38.6638, 41.5478



71.2010, 74.1070, 80.3026



38.3188, 38.8465, 45.5233



15.8462, 16.5026, 17.8873



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.



37.7947, 38.6638, 41.5478



67.7863, 68.9771, 73.9248



38.3341, 39.8883, 41.2781



8.3142, 8.4406, 9.0354



12.7593, 6.5663, 1.1119



0.3661, 0.1871, 0.0899

Inverse Universe

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



37.7947, 38.6638, 41.5478



67.7863, 68.9771, 73.9248



37.6364, 40.0127, 45.7844



8.3142, 8.4406, 9.0354



12.7593, 6.5663, 1.1119



0.3661, 0.1871, 0.0899

Previews

White Background



This preview shows how the XYZ color 37.7936, 38.6621, 41.5470 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 37.7936, 38.6621, 41.5470 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

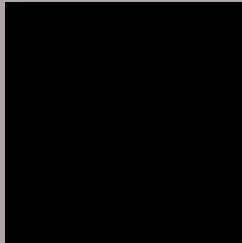
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 37.7936, 38.6621, 41.5470

Background



This preview shows how black text looks on a background with the XYZ color 37.7936, 38.6621, 41.5470.



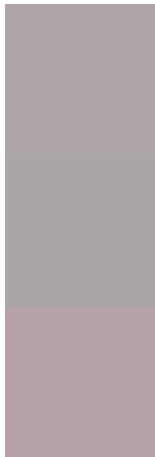
This preview shows how white text looks on a background with the XYZ color 37.7936, 38.6621,

41.5470.

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

37.7936, 38.6621, 41.5470

Protanopia

37.1888, 38.6085, 42.0513

Deuteranopia

39.4238, 38.6980, 41.9508



Tritanopia

38.6129, 38.4429, 46.4594

Trichromacy



Original Color

37.7936, 38.6621, 41.5470

Protanomaly

37.4059, 38.7204, 42.0615

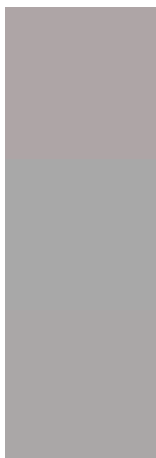
Deuteranomaly

38.8946, 38.6877, 41.9767

Tritanomaly

38.4010, 38.6434, 44.4647

Monochromacy



Original Color

37.7936, 38.6621, 41.5470

Achromatopsia

37.2190, 39.1572, 42.6422

Achromatomaly

37.3713, 38.9735, 42.1122

CSS Examples

Text

The CSS property to change the color of the text to XYZ 37.7936, 38.6621, 41.5470 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, 165, 166)` looks like.

```
.text, #text, p{  
    color:rgb(174, 165, 166)  
}
```

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, 165, 166) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(174, 165, 166) }
```

Border

The CSS property to change the border of an element to XYZ 37.7936, 38.6621, 41.5470 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, 165, 166) }
```


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

```
.border{ border-color:rgb(174, 165, 166) }
```

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

Here you see how a box with a 4 pixel `rgb(174, 165, 166)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(174, 165, 166); -webkit-box-  
shadow:4px 4px 4px 4px rgb(174, 165, 166);  
box-shadow:4px 4px 4px 4px rgb(174, 165,  
166) }
```

Background

The CSS property to change the background color of an element to XYZ 37.7936, 38.6621, 41.5470 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(174, 165, 166) }
```

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

```
.background{ background-color: rgb(174,  
165, 166) }
```

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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