

Converting Colors

XYZ(37.6774, 38.5932, 42.4290)

Have a look what the booklet for
XYZ(37.6774, 38.5932, 42.4290)
contains.

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Color

**XYZ(37.7566, 38.6217,
42.5105)**

Conversions

Conversions Part 1

Format	Color
Hex	ADA5A8
RGB	173, 165, 168
RGB Percent	68%, 65%, 66%
CMY	0.3216, 0.3529, 0.3412
CMYK	0.00, 0.05, 0.03, 0.32
HSL	338°, 5%, 66%
HSV	338°, 5%, 68%
XYZ	37.7566, 38.6217, 42.5105
YIQ	167.7340, 3.8050, 2.6290

Conversions

Conversions Part 2

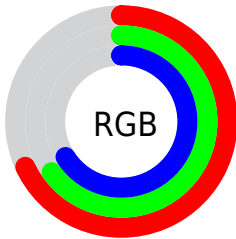
Format	Color
RYB	173, 165, 168
Decimal	11380136
CIELab	68.48, 3.43, -0.53
CIELCh	68, 3.472, 351.272
Yxy	38.6217, 0.3176, 0.3249
Android (android.graphics.Color)	4289570216 (0xFFADA5A8)
YUV	167.7340, 0.1311, 4.6183
Hunter-Lab	62.1464, -0.3097, 2.9458

Details

The XYZ color **37.7566, 38.6217, 42.5105** is a light color, and the websafe version is hex **999999**. A complement of this color would be **37.7178, 40.7897, 43.9176**, and the grayscale version is **37.0881, 39.0195, 42.4923**.

A 20% lighter version of the original color is **70.9074, 73.0081, 80.1668**, and **16.9427, 17.1362, 18.9376** is the 20% darker color. If you saturate the color by 10%, you get **33.8789, 32.4121, 36.4514**, and if you desaturate by 10%, it is **42.1424, 45.7124, 49.1536**.

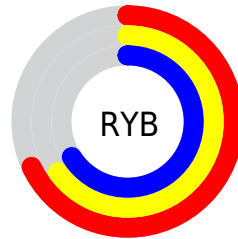
Distribution



Red (68%)

Green (65%)

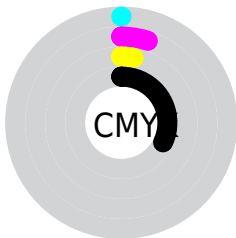
Blue (66%)



Red (68%)

Yellow (65%)

Blue (66%)

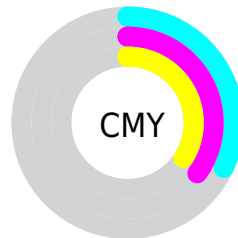


Cyan (0%)

Magenta (5%)

Yellow (3%)

Black (32%)



Cyan (32%)

Magenta (35%)

Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 37.7566, 38.6217, 42.5105 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 37.7566, 38.6217, 42.5105 by changing the saturation by 10% instead.

■ 37.7566, 38.6217,
42.5105

■ 37.7566, 38.6217,
42.5105

327.8736,
340.2794, 372.4567

■ 25.9702, 26.4656,
29.1727

■ 71.0412, 73.0600,
80.2501

■ 16.9339, 17.1723,
18.9648

■ 93.2701, 96.1110,
105.4889

■ 10.2824, 10.3574,
11.4683

119.7106,
123.5625, 135.5318

■ 5.6503, 5.6365,
6.2646

150.7280,
155.7987, 170.7974

■ 2.6722, 2.6254,
2.9353

186.6876,
193.2041, 211.7041

■ 0.9829, 0.9394,
1.0617

227.9549,

■ 0.0000, 0.0000,

236.1631, 258.6706

0.0000

274.8951,
285.0601, 312.1152

■ 37.7566, 38.6217,
42.5105

■ 37.7566, 38.6217,
42.5105

■ 33.8789, 32.4121,
36.4514

■ 42.1424, 45.7124,
49.1536

■ 30.4872, 27.0441,
30.9574

■ 47.0510, 53.7117,
56.3937

■ 27.5626, 22.4827,
26.0123

■ 52.5003, 62.6522,
64.2467

■ 25.0835, 18.6882,
21.5981

■ 58.5065, 72.5633,
72.7271

■ 23.0267, 15.6180,
17.6957

■ 65.0851, 83.4730,
81.8487

■ 21.3666, 13.2249,
14.2848

■ 67.6878, 86.2819,
90.1041

■ 20.0751, 11.4562,
11.3434

■ 69.2803, 86.9189,
98.4900

■ 19.1195, 10.2513,
8.8476

■ 70.9691, 87.5945,
107.3834

■ 18.4609, 9.5368,
6.7702

■ 71.0438, 87.6243,
107.7765

Harmonies

Analogous

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



37.5341, 38.6217, 43.9623



37.7566, 38.6217, 42.5105



37.6961, 38.6217, 40.9707

Triad

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



37.7566, 38.6217, 42.5105



36.3291, 38.6217, 39.3116



36.0557, 38.6217, 44.4427

Complementary

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



37.7566, 38.6217, 42.5105



37.7178, 40.7897, 43.9176

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.



35.7388, 38.6217, 43.1531



37.7566, 38.6217, 42.5105



35.8956, 38.6217, 40.1987

Square

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



37.7566, 38.6217, 42.5105



36.8684, 38.6217, 39.1492



35.6805, 38.6217, 41.5977



36.5496, 38.6217, 45.0959

Rectangle

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



37.7566, 38.6217, 42.5105



37.5037, 38.6217, 40.0996



35.6805, 38.6217, 41.5977



35.9251, 38.6217, 44.0678

Sweetspot

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



37.7577, 38.6234, 42.5113



70.3462, 73.5643, 80.3016



37.5625, 38.4679, 44.9809



15.2973, 16.0025, 17.4658



82.5889, 86.8899, 94.6231



15.4596, 16.2647, 17.7123

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



37.7577, 38.6234, 42.5113



66.5353, 67.4249, 74.4609



37.6505, 38.8508, 41.1139



8.3753, 8.4651, 9.3570



13.3838, 6.8161, 4.4007



0.3993, 0.2004, 0.2646

Inverse Universe

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



37.7577, 38.6234, 42.5113



66.5353, 67.4249, 74.4609



37.8263, 40.5479, 45.3685



8.3753, 8.4651, 9.3570



13.3838, 6.8161, 4.4007



0.3993, 0.2004, 0.2646

Previews

White Background



This preview shows how the XYZ color 37.7566, 38.6217, 42.5105 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 37.7566, 38.6217, 42.5105 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

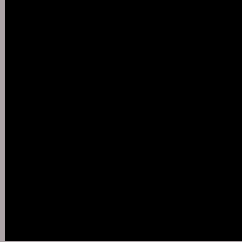
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 37.7566, 38.6217, 42.5105

Background



This preview shows how black text looks on a background with the XYZ color 37.7566, 38.6217, 42.5105.

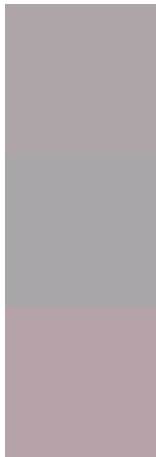


This preview shows how white text looks on a background with the XYZ color 37.7566, 38.6217,

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

37.7566, 38.6217, 42.5105

Protanopia

37.1598, 38.5720, 43.0227

Deuteranopia

39.3732, 38.6503, 42.9212



Tritanopia

38.6668, 38.7239, 47.0315

Trichromacy



Original Color

37.7566, 38.6217, 42.5105

Protanomaly

37.3752, 38.6831, 43.0328

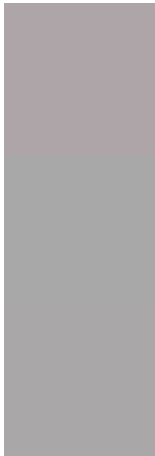
Deuteranomaly

38.8490, 38.6427, 42.9473

Tritanomaly

38.3710, 38.6056, 45.4737

Monochromacy



Original Color

37.7566, 38.6217, 42.5105

Achromatopsia

37.2190, 39.1572, 42.6422

Achromatomaly

37.4642, 39.0106, 42.6010

CSS Examples

Text

The CSS property to change the color of the text to XYZ 37.7566, 38.6217, 42.5105 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(173, 165, 168)` looks like.

```
.text, #text, p{  
    color:rgb(173, 165, 168)  
}
```

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(173, 165, 168) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(173, 165, 168) }
```

Border

The CSS property to change the border of an element to XYZ 37.7566, 38.6217, 42.5105 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(173, 165, 168) }
```


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

```
.border{ border-color:rgb(173, 165, 168) }
```

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

Here you see how a box with a 4 pixel `rgb(173, 165, 168)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(173, 165, 168); -webkit-box-  
shadow:4px 4px 4px 4px rgb(173, 165, 168);  
box-shadow:4px 4px 4px 4px rgb(173, 165,  
168) }
```

Background

The CSS property to change the background color of an element to XYZ 37.7566, 38.6217, 42.5105 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(173, 165, 168) }
```

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

```
.background{ background-color: rgb(173,  
165, 168) }
```

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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