

Converting Colors

XYZ(37.7911, 38.5436, 40.8076)

Have a look what the booklet for
XYZ(37.7911, 38.5436, 40.8076)
contains.

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Color

**XYZ(37.9259, 38.7408,
41.0761)**

Conversions

Conversions Part 1

Format	Color
Hex	AFA5A5
RGB	175, 165, 165
RGB Percent	69%, 65%, 65%
CMY	0.3137, 0.3529, 0.3529
CMYK	0.00, 0.06, 0.06, 0.31
HSL	0°, 6%, 67%
HSV	0°, 6%, 69%
XYZ	37.9259, 38.7408, 41.0761
YIQ	167.9900, 5.9600, 2.1200

Conversions

Conversions Part 2

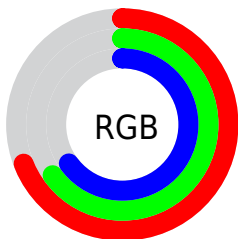
Format	Color
RYB	175, 165, 165
Decimal	11511205
CIELab	68.56, 3.61, 1.29
CIELCh	69, 3.829, 19.618
Yxy	38.7408, 0.3221, 0.3290
Android (android.graphics.Color)	4289701285 (0xFFAFA5A5)
YUV	167.9900, -1.4741, 6.1478
Hunter-Lab	62.2421, -0.1585, 4.4416

Details

The XYZ color **37.9259, 38.7408, 41.0761** is a light color, and the websafe version is hex **999999**. A complement of this color would be **38.5849, 41.7540, 46.5838**, and the grayscale version is **37.2204, 39.1587, 42.6439**.

A 20% lighter version of the original color is **71.4665, 73.3426, 78.1000**, and **17.0541, 17.2135, 18.0465** is the 20% darker color. If you saturate the color by 10%, you get **33.4984, 32.2625, 32.2721**, and if you desaturate by 10%, it is **43.0053, 46.1730, 51.1737**.

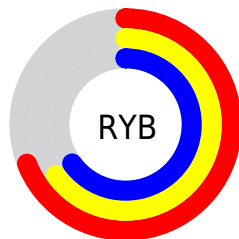
Distribution



Red (69%)

Green (65%)

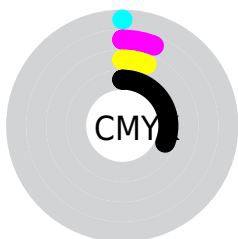
Blue (65%)



Red (69%)

Yellow (65%)

Blue (65%)

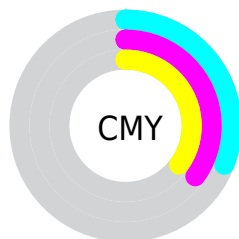


Cyan (0%)

Magenta (6%)

Yellow (6%)

Black (31%)



Cyan (31%)


Magenta (35%)


Yellow (35%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 37.9259, 38.7408, 41.0761 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 37.9259, 38.7408, 41.0761 by changing the saturation by 10% instead.


 37.9259, 38.7408,
41.0761


 37.9259, 38.7408,
41.0761


328.5883,
340.7872, 366.3246

 26.1021, 26.5581,
28.0584


 71.2992, 73.2422,
78.0543

 17.0331, 17.2417,
18.1303


 93.5794, 96.3297,
102.8519

 10.3536, 10.4069,
10.8731

120.0758,
123.8210, 132.4133

 5.6981, 5.6696,
5.8685

151.1538,
156.1004, 167.1569

 2.7013, 2.6452,
2.6978

187.1787,
193.5523, 207.5013

 0.9978, 0.9495,
0.9423

228.5158,

 0.0000, 0.0000,

236.5611, 253.8650

0.0000

275.5306,
285.5113, 306.6666

■ 37.9259, 38.7408,
41.0761

■ 37.9259, 38.7408,
41.0761

■ 33.4984, 32.2625,
32.2721

■ 43.0053, 46.1730,
51.1737

■ 29.6933, 26.6948,
24.7070

■ 48.7579, 54.5902,
62.6116

■ 26.4837, 21.9983,
18.3261

■ 55.2084, 64.0283,
75.4371

■ 23.8394, 18.1290,
13.0694

■ 62.3790, 74.5200,
89.6946

■ 21.7278, 15.0391,
8.8718

■ 70.2910, 86.0965,
105.4265

■ 20.1127, 12.6756,
5.6616

■ 71.4895, 87.8541,
107.7974

■ 18.9536, 10.9793,
3.3580

■ 18.2035, 9.8814,
1.8676

■ 17.8025, 9.2944,
1.0711

Harmonies

Analogous

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



37.9753, 38.7408, 42.7839



37.9259, 38.7408, 41.0761



37.5789, 38.7408, 39.7008

Triad

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



37.9259, 38.7408, 41.0761



35.9451, 38.7408, 40.0654



36.6132, 38.7408, 45.5363

Complementary

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



37.9259, 38.7408, 41.0761



38.5849, 41.7540, 46.5838

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.



36.0753, 38.7408, 44.7647



37.9259, 38.7408, 41.0761



35.6923, 38.7408, 41.5861

Square

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



37.9259, 38.7408, 41.0761



36.4337, 38.7408, 39.1284



35.7397, 38.7408, 43.3079



37.2130, 38.7408, 45.3907

Rectangle

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



37.9259, 38.7408, 41.0761



37.2276, 38.7408, 39.1429



35.7397, 38.7408, 43.3079



36.4193, 38.7408, 45.3748

Sweetspot

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



37.9270, 38.7425, 41.0769



71.1337, 74.0806, 79.9462



38.8728, 39.1200, 46.0602



15.8320, 16.4971, 17.8122



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.



37.9270, 38.7425, 41.0769



66.7398, 67.6515, 71.2102



38.8461, 40.5807, 41.3833



8.1933, 8.2906, 8.7122



12.6611, 6.5278, 0.5927



0.3523, 0.1817, 0.0165

Inverse Universe

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



38.5849, 41.7540, 46.5838



68.1945, 74.3099, 83.3859



37.6302, 39.8446, 46.2656



8.3802, 9.1460, 10.2764



16.5127, 24.1592, 32.8374



0.4594, 0.6722, 0.9135

Previews

White Background



This preview shows how the XYZ color 37.9259, 38.7408, 41.0761 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 37.9259, 38.7408, 41.0761 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

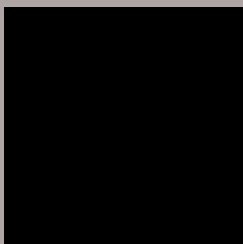
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

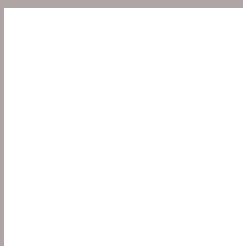
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 37.9259, 38.7408, 41.0761

Background



This preview shows how black text looks on a background with the XYZ color 37.9259, 38.7408, 41.0761.



This preview shows how white text looks on a background with the XYZ color 37.9259, 38.7408,

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

37.9259, 38.7408, 41.0761

Protanopia

37.0967, 38.5717, 41.5663

Deuteranopia

39.5704, 38.7842, 41.4769



Tritanopia

39.0651, 38.6761, 46.4806

Trichromacy



Original Color

37.9259, 38.7408, 41.0761

Protanomaly

37.5324, 38.7963, 41.5867

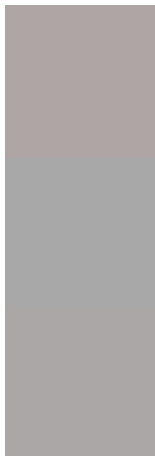
Deuteranomaly

39.0362, 38.7713, 41.5026

Tritanomaly

38.6263, 38.7596, 44.4752

Monochromacy



Original Color

37.9259, 38.7408, 41.0761

Achromatopsia

37.2190, 39.1572, 42.6422

Achromatomaly

37.5884, 39.0854, 42.1223

CSS Examples

Text

The CSS property to change the color of the text to XYZ 37.9259, 38.7408, 41.0761 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(175, 165, 165)` looks like.

```
.text, #text, p{  
    color:rgb(175, 165, 165)  
}
```

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(175, 165, 165) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(175, 165, 165) }
```

Border

The CSS property to change the border of an element to XYZ 37.9259, 38.7408, 41.0761 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(175, 165, 165) }
```


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

```
.border{ border-color:rgb(175, 165, 165) }
```

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

Here you see how a box with a 4 pixel `rgb(175, 165, 165)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(175, 165, 165); -webkit-box-  
shadow:4px 4px 4px 4px rgb(175, 165, 165);  
box-shadow:4px 4px 4px 4px rgb(175, 165,  
165) }
```

Background

The CSS property to change the background color of an element to XYZ 37.9259, 38.7408, 41.0761 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(175, 165, 165) }
```

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

```
.background{ background-color: rgb(175,  
165, 165) }
```

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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