

Converting Colors

XYZ(37.4211, 37.5078, 37.1657)

Have a look what the booklet for
XYZ(37.4211, 37.5078, 37.1657)
contains.

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Color

**XYZ(37.4211, 37.5078,
37.1657)**

Conversions

Conversions Part 1

Format	Color
Hex	B3A19D
RGB	179, 161, 157
RGB Percent	70%, 63%, 62%
CMY	0.2980, 0.3686, 0.3843
CMYK	0.00, 0.10, 0.12, 0.30
HSL	11°, 13%, 66%
HSV	11°, 12%, 70%
XYZ	37.4211, 37.5078, 37.1657
YIQ	165.9260, 12.0120, 2.5720

Conversions

Conversions Part 2

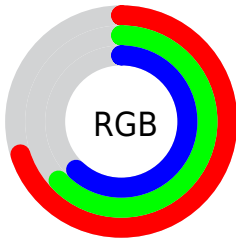
Format	Color
RYB	179, 162, 157
Decimal	11772317
CIELab	67.66, 5.87, 4.46
CIELCh	68, 7.377, 37.215
Yxy	37.5078, 0.3338, 0.3346
Android (android.graphics.Color)	4289962397 (0xFFB3A19D)
YUV	165.9260, -4.4005, 11.4659
Hunter-Lab	61.2436, 1.8908, 6.8904

Details

The XYZ color **37.4211, 37.5078, 37.1657** is a light color, and the websafe version is hex **999999**. A complement of this color would be **37.3711, 41.0819, 48.6082**, and the grayscale version is **36.2272, 38.1138, 41.5059**.

A 20% lighter version of the original color is **70.7005, 71.5274, 72.3672**, and **16.6743, 16.4135, 15.9250** is the 20% darker color. If you saturate the color by 10%, you get **33.5929, 32.1203, 28.8941**, and if you desaturate by 10%, it is **41.7750, 43.5876, 46.7181**.

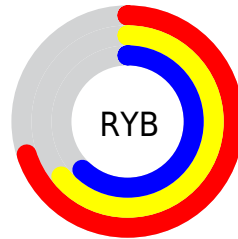
Distribution



Red (70%)

Green (63%)

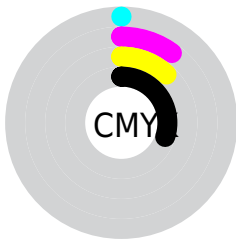
Blue (62%)



Red (70%)

Yellow (64%)

Blue (62%)

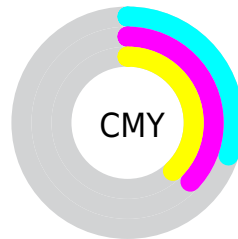


Cyan (0%)

Magenta (10%)

Yellow (12%)

Black (30%)



Cyan (30%)

Magenta (37%)

Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 37.4211, 37.5078, 37.1657 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 37.4211, 37.5078, 37.1657 by changing the saturation by 10% instead.

■ 37.4211, 37.5078,
37.1657

■ 37.4211, 37.5078,
37.1657

326.4540,
335.5038, 349.2176

■ 25.7089, 25.6009,
25.0390

■ 70.5296, 71.3531,
72.0167

■ 16.7375, 16.5253,
15.8868

■ 92.6566, 94.0603,
95.5782

■ 10.1417, 9.8966,
9.2906

118.9858,
121.1364, 123.7883

■ 5.5560, 5.3305,
4.8318

149.8828,
152.9657, 157.0656

■ 2.6151, 2.4424,
2.0919

185.7127,
189.9327, 195.8286

■ 0.9536, 0.8476,
0.6110

226.8410,

■ 0.0000, 0.0000,

232.4218, 240.4959

0.0000

273.6330,
280.8174, 291.4861

■ 37.4211, 37.5078,
37.1657

■ 37.4211, 37.5078,
37.1657

■ 33.5929, 32.1203,
28.8941

■ 41.7750, 43.5876,
46.7181

■ 30.2673, 27.3956,
21.8465

■ 46.6704, 50.3779,
57.6000

■ 27.4241, 23.3095,
15.9651

■ 52.1263, 57.9025,
69.8609

■ 25.0403, 19.8342,
11.1867

■ 58.1598, 66.1826,
83.5465

■ 23.0914, 16.9402,
7.4420

■ 64.7872, 75.2385,
98.7008

■ 21.5500, 14.5952,
4.6540

■ 70.4733, 84.4693,
107.1976

■ 20.3859, 12.7638,
2.7345

■ 72.4006, 88.3238,
107.8400

■ 19.5641, 11.4061,
1.5789

■ 19.1227, 10.6480,
1.0474

Harmonies

Analogous

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



37.8651, 37.5078, 40.0577



37.4211, 37.5078, 37.1657



36.5042, 37.5078, 35.3304

Triad

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



37.4211, 37.5078, 37.1657



33.6705, 37.5078, 38.4605



35.9255, 37.5078, 47.3772

Complementary

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



37.4211, 37.5078, 37.1657



37.3711, 41.0819, 48.6082

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.



34.8093, 37.5078, 46.8937



37.4211, 37.5078, 37.1657



33.5231, 37.5078, 41.6317

Square

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



37.4211, 37.5078, 37.1657



34.3430, 37.5078, 36.0497



33.9358, 37.5078, 44.7480



36.9898, 37.5078, 46.0361

Rectangle

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



37.4211, 37.5078, 37.1657



35.7565, 37.5078, 34.8949



33.9358, 37.5078, 44.7480



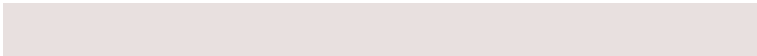
35.5438, 37.5078, 47.4238

Sweetspot

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



37.4221, 37.5095, 37.1665



73.3616, 76.0367, 80.4581



38.4185, 36.8064, 45.8092



16.1195, 16.6595, 17.5308



86.6293, 91.1408, 99.2523



17.0014, 17.8868, 19.4787

Same Dimension

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



37.4221, 37.5095, 37.1665



64.8931, 64.1912, 61.9390



39.3658, 41.3968, 37.8144



8.6173, 8.7472, 8.8867



13.5484, 7.5953, 0.7520



0.4637, 0.3138, 0.0361

Inverse Universe

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



37.3711, 41.0819, 48.6082



64.7813, 71.9705, 86.8585



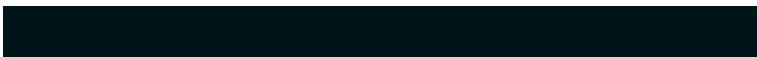
35.3770, 37.0937, 47.9435



8.6086, 9.3633, 10.8599



13.1034, 17.0072, 32.7291



0.4465, 0.6036, 1.0412

Previews

White Background



This preview shows how the XYZ color 37.4211, 37.5078, 37.1657 looks on a white background.

Color Contrast Check

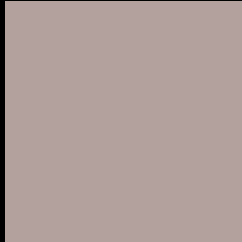
Large Text (above 18pt) WCAG AA × Fail

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 37.4211, 37.5078, 37.1657 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 37.4211, 37.5078, 37.1657

Background



This preview shows how black text looks on a background with the XYZ color 37.4211, 37.5078, 37.1657.



This preview shows how white text looks on a background with the XYZ color 37.4211, 37.5078,

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

37.4211, 37.5078, 37.1657

Protanopia

35.8957, 37.4891, 38.1451

Deuteranopia

38.2511, 37.4209, 37.1052



Tritanopia

38.8049, 37.5603, 43.7327

Trichromacy



Original Color

37.4211, 37.5078, 37.1657

Protanomaly

36.5023, 37.5472, 37.6712

Deuteranomaly

37.9480, 37.5210, 37.1405

Tritanomaly

38.2761, 37.5981, 41.3162

Monochromacy



Original Color

37.4211, 37.5078, 37.1657

Achromatopsia

36.2450, 38.1326, 41.5264

Achromatomaly

36.6809, 37.8532, 40.0234

CSS Examples

Text

The CSS property to change the color of the text to XYZ 37.4211, 37.5078, 37.1657 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(179, 161, 157)` looks like.

```
.text, #text, p{  
    color:rgb(179, 161, 157)  
}
```

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(179, 161, 157) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(179, 161, 157) }
```

Border

The CSS property to change the border of an element to XYZ 37.4211, 37.5078, 37.1657 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(179, 161, 157) }
```


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

```
.border{ border-color:rgb(179, 161, 157) }
```

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

Here you see how a box with a 4 pixel `rgb(179, 161, 157)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(179, 161, 157); -webkit-box-  
shadow:4px 4px 4px 4px rgb(179, 161, 157);  
box-shadow:4px 4px 4px 4px rgb(179, 161,  
157) }
```

Background

The CSS property to change the background color of an element to XYZ 37.4211, 37.5078, 37.1657 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(179, 161, 157) }
```

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

```
.background{ background-color: rgb(179,  
161, 157) }
```

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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