

Converting Colors

XYZ(37.2178, 37.4158, 38.0173)

Have a look what the booklet for
XYZ(37.2178, 37.4158, 38.0173)
contains.

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Color

**XYZ(37.1343, 37.3401,
38.0510)**

Conversions

Conversions Part 1

Format	Color
Hex	B1A19F
RGB	177, 161, 159
RGB Percent	69%, 63%, 62%
CMY	0.3059, 0.3686, 0.3765
CMYK	0.00, 0.09, 0.10, 0.31
HSL	7°, 10%, 66%
HSV	7°, 10%, 69%
XYZ	37.1343, 37.3401, 38.0510
YIQ	165.5560, 10.1780, 2.7700

Conversions

Conversions Part 2

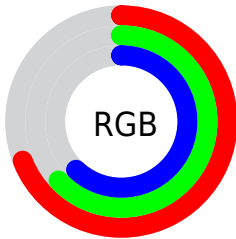
Format	Color
RYB	177, 161, 159
Decimal	11641247
CIELab	67.53, 5.47, 3.15
CIELCh	68, 6.314, 29.879
Yxy	37.3401, 0.3300, 0.3318
Android (android.graphics.Color)	4289831327 (0xFFB1A19F)
YUV	165.5560, -3.2321, 10.0364
Hunter-Lab	61.1065, 1.5376, 5.8547

Details

The XYZ color **37.1343, 37.3401, 38.0510** is a light color, and the websafe version is hex **999999**. A complement of this color would be **37.5635, 41.2041, 47.5686**, and the grayscale version is **36.0439, 37.9209, 41.2959**.

A 20% lighter version of the original color is **70.2977, 71.2904, 73.6737**, and **16.4876, 16.3051, 16.4656** is the 20% darker color. If you saturate the color by 10%, you get **33.1292, 31.6141, 29.6729**, and if you desaturate by 10%, it is **41.7073, 43.8490, 47.7044**.

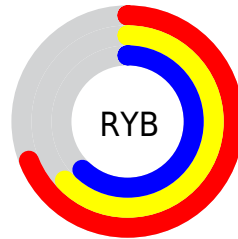
Distribution



Red (69%)

Green (63%)

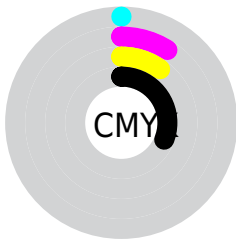
Blue (62%)



Red (69%)

Yellow (63%)

Blue (62%)

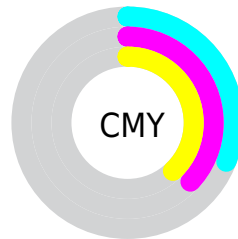


Cyan (0%)

Magenta (9%)

Yellow (10%)

Black (31%)



Cyan (31%)

Magenta (37%)


Yellow (38%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 37.1343, 37.3401, 38.0510 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 37.1343, 37.3401, 38.0510 by changing the saturation by 10% instead.


 37.1343, 37.3401,
38.0510


 37.1343, 37.3401,
38.0510


325.2370,
334.7806, 353.1434

 25.4856, 25.4709,
25.7201

 70.0918, 71.0956,
73.3906

 16.5699, 16.4283,
16.3905

 92.1313, 93.7506,
97.2364

 10.0217, 9.8277,
9.6436


118.3652,
120.7698, 125.7576

 5.4757, 5.2849,
5.0608

149.1588,
152.5374, 159.3727

 2.5666, 2.4154,
2.2236

184.8774,
189.4379, 198.5003

 0.9290, 0.8338,
0.6879

225.8864,

 0.0000, 0.0000,

231.8557, 243.5590

0.0000

272.5512,
280.1751, 294.9672

■ 37.1343, 37.3401,
38.0510

■ 37.1343, 37.3401,
38.0510

■ 33.1292, 31.6141,
29.6729

■ 41.7073, 43.8490,
47.7044

■ 29.6667, 26.6368,
22.5145

■ 46.8660, 51.1637,
58.6809

■ 26.7244, 22.3787,
16.5196

■ 52.6312, 59.3122,
71.0287

■ 24.2770, 18.8064,
11.6267

■ 59.0218, 68.3196,
84.7929

■ 22.2971, 15.8840,
7.7683

■ 66.0558, 78.2101,
100.0164

■ 20.7546, 13.5723,
4.8700

■ 71.9416, 88.0872,
107.8185

■ 19.6157, 11.8277,
2.8471

■ 18.8418, 10.6008,
1.6000

■ 18.3765, 9.8370,
0.9302

Harmonies

Analogous

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



37.3907, 37.3401, 40.6684



37.1343, 37.3401, 38.0510



36.4359, 37.3401, 36.2051

Triad

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



37.1343, 37.3401, 38.0510



33.9001, 37.3401, 38.0322



35.4867, 37.3401, 46.2420

Complementary

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



37.1343, 37.3401, 38.0510



37.5635, 41.2041, 47.5686

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.



34.5619, 37.3401, 45.4597



37.1343, 37.3401, 38.0510



33.6561, 37.3401, 40.6457

Square

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



37.1343, 37.3401, 38.0510



34.5686, 37.3401, 36.1946



33.8962, 37.3401, 43.3794



36.4289, 37.3401, 45.4719

Rectangle

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



37.1343, 37.3401, 38.0510



35.8198, 37.3401, 35.6170



33.8962, 37.3401, 43.3794



35.1635, 37.3401, 46.1514

Sweetspot

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



37.1353, 37.3417, 38.0518



72.2300, 75.0267, 80.2149



38.2875, 37.2468, 45.8322



15.5092, 16.0544, 17.0789



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.



37.1353, 37.3417, 38.0518



64.9662, 64.6776, 64.9122



38.7271, 40.5252, 38.5824



8.5700, 8.6525, 8.8709



13.3378, 7.1742, 0.6818



0.4442, 0.2747, 0.0296

Inverse Universe

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



37.5635, 41.2041, 47.5686



65.8737, 72.8654, 85.0878



35.9069, 37.8909, 47.0164



8.6603, 9.4668, 10.8772



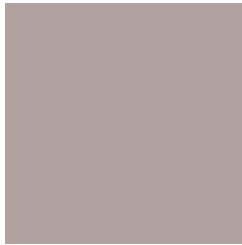
14.5496, 19.8996, 33.2112



0.4806, 0.6718, 1.0526

Previews

White Background



This preview shows how the XYZ color 37.1343, 37.3401, 38.0510 looks on a white background.

Color Contrast Check

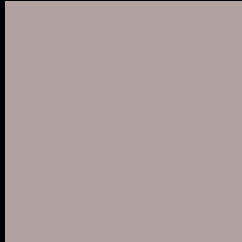
Large Text (above 18pt) WCAG AA × Fail

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 37.1343, 37.3401, 38.0510 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

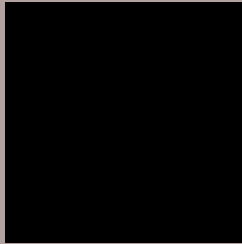
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 37.1343, 37.3401, 38.0510

Background



This preview shows how black text looks on a background with the XYZ color 37.1343, 37.3401, 38.0510.



This preview shows how white text looks on a background with the XYZ color 37.1343, 37.3401,

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

37.1343, 37.3401, 38.0510

Protanopia

35.8569, 37.4490, 39.0567

Deuteranopia

37.9475, 37.2446, 37.9898



Tritanopia

38.4349, 37.3585, 44.2149

Trichromacy



Original Color

37.1343, 37.3401, 38.0510

Protanomaly

36.2369, 37.3904, 38.5649

Deuteranomaly

37.6512, 37.3481, 38.0254

Tritanomaly

37.9060, 37.3966, 41.7796

Monochromacy



Original Color

37.1343, 37.3401, 38.0510

Achromatopsia

36.2450, 38.1326, 41.5264

Achromatomaly

36.4639, 37.7413, 40.0133

CSS Examples

Text

The CSS property to change the color of the text to XYZ 37.1343, 37.3401, 38.0510 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(177, 161, 159) looks like.

```
.text, #text, p{  
    color:rgb(177, 161, 159)  
}
```

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(177, 161, 159) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(177, 161, 159) }
```

Border

The CSS property to change the border of an element to XYZ 37.1343, 37.3401, 38.0510 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(177, 161, 159) }
```


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

```
.border{ border-color:rgb(177, 161, 159) }
```

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

Here you see how a box with a 4 pixel `rgb(177, 161, 159)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(177, 161, 159); -webkit-box-  
shadow:4px 4px 4px 4px rgb(177, 161, 159);  
box-shadow:4px 4px 4px 4px rgb(177, 161,  
159) }
```

Background

The CSS property to change the background color of an element to XYZ 37.1343, 37.3401, 38.0510 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(177, 161, 159) }
```

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

```
.background{ background-color: rgb(177,  
161, 159) }
```

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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