

Converting Colors

XYZ(41.9603, 38.8632, 37.2558)

Have a look what the booklet for
XYZ(41.9603, 38.8632, 37.2558)
contains.

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Color

**XYZ(41.9622, 38.8276,
37.1811)**

Conversions

Conversions Part 1

Format	Color
Hex	C89D9D
RGB	200, 157, 157
RGB Percent	78%, 62%, 62%
CMY	0.2157, 0.3843, 0.3843
CMYK	0.00, 0.21, 0.21, 0.22
HSL	0°, 28%, 70%
HSV	0°, 21%, 78%
XYZ	41.9622, 38.8276, 37.1811
YIQ	169.8570, 25.6280, 9.1160

Conversions

Conversions Part 2

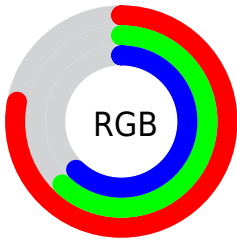
Format	Color
R _Y B	200, 157, 157
Decimal	13147549
CIE Lab	68.63, 15.96, 6.11
CIE LCh	69, 17.087, 20.968
Yxy	38.8276, 0.3557, 0.3291
Android (android.graphics.Color)	4291337629 (0xFFC89D9D)
YUV	169.8570, -6.3385, 26.4354
Hunter-Lab	62.3118, 11.1604, 8.2402

Details

The XYZ color **41.9622, 38.8276, 37.1811** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **44.9838, 52.6455, 62.4346**, and the grayscale version is **38.1597, 40.1470, 43.7201**.

A 20% lighter version of the original color is **76.6671, 73.1004, 72.3564**, and **19.4326, 17.3684, 15.9639** is the 20% darker color. If you saturate the color by 10%, you get **37.2816, 31.9788, 27.8749**, and if you desaturate by 10%, it is **47.4783, 46.8993, 48.1457**.

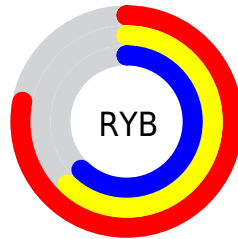
Distribution



Red (78%)

Green (62%)

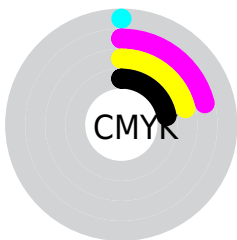
Blue (62%)



Red (78%)

Yellow (62%)

Blue (62%)

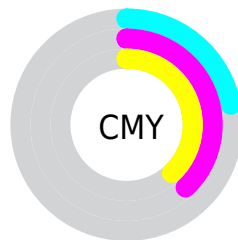


Cyan (0%)

Magenta (21%)

Yellow (21%)

Black (22%)



Cyan (22%)


Magenta (38%)


Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 41.9622, 38.8276, 37.1811 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 41.9622, 38.8276, 37.1811 by changing the saturation by 10% instead.


 41.9622, 38.8276,
37.1811


 41.9622, 38.8276,
37.1811


345.3205,
341.1570, 349.2862

 29.2627, 26.6256,
25.0509


 77.4079, 73.3749,
72.0407

 19.4249, 17.2923,
15.8956


 100.8849, 96.4890,
95.6071

 12.0835, 10.4431,
9.2967


128.6850,
124.0093, 123.8226

 6.8732, 5.6937,
4.8358

161.1736,
156.3201, 157.1058

 3.4285, 2.6597,
2.0942

198.7161,
193.8059, 195.8752

 1.3842, 0.9568,
0.6123

241.6779,

 0.2449, 0.0000,

236.8510, 240.5494

0.0000

290.4242,
285.8399, 291.5469

■ 0.0000, 0.0000,
0.0000

■ 41.9622, 38.8276,
37.1811

■ 41.9622, 38.8276,
37.1811

■ 37.2816, 31.9788,
27.8749

■ 47.4783, 46.8993,
48.1457

■ 33.3928, 26.2883,
20.1441

■ 53.8643, 56.2439,
60.8413

■ 30.2529, 21.6937,
13.9023

■ 61.1569, 66.9149,
75.3391

■ 27.8138, 18.1246,
9.0538

■ 69.3895, 78.9612,
91.7056

■ 26.0219, 15.5024,
5.4918

■ 77.6296, 91.0194,
108.0847

■ 24.8155, 13.7371,
3.0939

■ 24.1215, 12.7213,
1.7145

■ 23.8198, 12.2798,
1.1148

Harmonies

Analogous

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



42.2670, 38.8276, 44.6514



41.9622, 38.8276, 37.1811



40.2678, 38.8276, 31.7566

Triad

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



41.9622, 38.8276, 37.1811



33.0206, 38.8276, 33.5958



36.0963, 38.8276, 58.7075

Complementary

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



41.9622, 38.8276, 37.1811



44.9838, 52.6455, 62.4346

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.



33.7338, 38.8276, 54.8959



41.9622, 38.8276, 37.1811



32.0158, 38.8276, 39.9876

Square

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



41.9622, 38.8276, 37.1811



35.0795, 38.8276, 29.8686



32.2704, 38.8276, 47.8177



38.7917, 38.8276, 57.7181

Rectangle

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



41.9622, 38.8276, 37.1811



38.6216, 38.8276, 29.7326



32.2704, 38.8276, 47.8177



35.2390, 38.8276, 57.9296

Sweetspot

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



41.9633, 38.8294, 37.1819



87.9959, 89.6779, 94.8763



46.3021, 40.5639, 60.0332



18.6778, 18.9651, 19.9954



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

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



41.9633, 38.8294, 37.1819



68.5271, 61.1898, 56.1726



45.9257, 46.7543, 38.5027



10.6340, 10.6371, 11.0555



15.1454, 7.8080, 0.7088



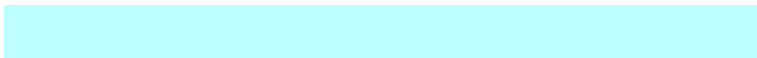
0.7172, 0.3698, 0.0336

Inverse Universe

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



44.9838, 52.6455, 62.4346



74.7201, 89.5168, 107.9480



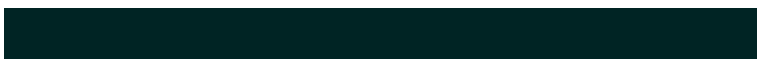
40.3505, 43.3788, 60.8902



10.9467, 12.0674, 13.6698



19.7590, 28.9120, 39.2835



0.9356, 1.3690, 1.8601

Previews

White Background



This preview shows how the XYZ color 41.9622, 38.8276, 37.1811 looks on a white background.

Color Contrast Check

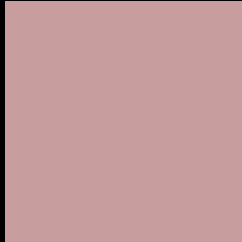
Large Text (above 18pt) WCAG AA × Fail

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 41.9622, 38.8276, 37.1811 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

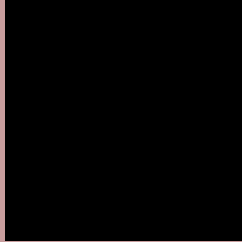
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 41.9622, 38.8276, 37.1811

Background



This preview shows how black text looks on a background with the XYZ color 41.9622, 38.8276, 37.1811.



This preview shows how white text looks on a background with the XYZ color 41.9622, 38.8276,

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

41.9622, 38.8276, 37.1811

Protanopia

37.3536, 39.0167, 39.7447

Deuteranopia

39.6601, 38.9323, 36.8769



Tritanopia

42.7838, 38.6502, 41.7645

Trichromacy



Original Color

41.9622, 38.8276, 37.1811

Protanomaly

38.7338, 38.6775, 38.6817

Deuteranomaly

40.3098, 38.7484, 36.8071

Tritanomaly

42.5867, 38.8388, 39.9024

Monochromacy



Original Color

41.9622, 38.8276, 37.1811

Achromatopsia

38.2080, 40.1978, 43.7754

Achromatomaly

39.3027, 39.4506, 41.1406

CSS Examples

Text

The CSS property to change the color of the text to XYZ 41.9622, 38.8276, 37.1811 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(200, 157, 157)` looks like.

```
.text, #text, p{  
    color:rgb(200, 157, 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(200, 157, 157) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(200, 157, 157) }
```

Border

The CSS property to change the border of an element to XYZ 41.9622, 38.8276, 37.1811 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(200, 157, 157) }
```


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

```
.border{ border-color:rgb(200, 157, 157) }
```

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

Here you see how a box with a 4 pixel `rgb(200, 157, 157)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(200, 157, 157); -webkit-box-  
shadow:4px 4px 4px 4px rgb(200, 157, 157);  
box-shadow:4px 4px 4px 4px rgb(200, 157,  
157) }
```

Background

The CSS property to change the background color of an element to XYZ 41.9622, 38.8276, 37.1811 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(200, 157, 157) }
```

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

```
.background{ background-color: rgb(200,  
157, 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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