

Converting Colors

XYZ(41.3014, 37.9720, 36.0803)

Have a look what the booklet for
XYZ(41.3014, 37.9720, 36.0803)
contains.

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Color

**XYZ(41.4572, 38.0886,
36.1772)**

Conversions

Conversions Part 1

Format	Color
Hex	C89B9B
RGB	200, 155, 155
RGB Percent	78%, 61%, 61%
CMY	0.2157, 0.3921, 0.3922
CMYK	0.00, 0.22, 0.22, 0.22
HSL	0°, 29%, 70%
HSV	0°, 22%, 78%
XYZ	41.4572, 38.0886, 36.1772
YIQ	168.4550, 26.8200, 9.5400

Conversions

Conversions Part 2

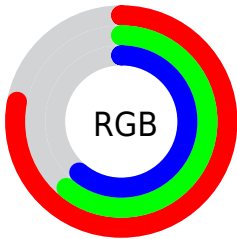
Format	Color
R _Y B	200, 155, 155
Decimal	13147035
CIE Lab	68.09, 16.75, 6.45
CIE LCh	68, 17.951, 21.067
Yxy	38.0886, 0.3582, 0.3291
Android (android.graphics.Color)	4291337115 (0xFFC89B9B)
YUV	168.4550, -6.6333, 27.6650
Hunter-Lab	61.7160, 11.9030, 8.4460

Details

The XYZ color **41.4572, 38.0886, 36.1772** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **44.5968, 52.4460, 62.4166**, and the grayscale version is **37.4664, 39.4175, 42.9257**.

A 20% lighter version of the original color is **75.7952, 71.9566, 70.2158**, and **19.1261, 16.9198, 15.3545** is the 20% darker color. If you saturate the color by 10%, you get **36.8577, 31.3585, 27.0323**, and if you desaturate by 10%, it is **46.8882, 46.0359, 46.9727**.

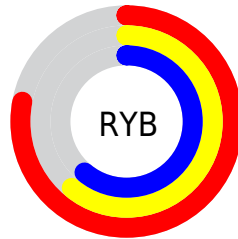
Distribution



Red (78%)

Green (61%)

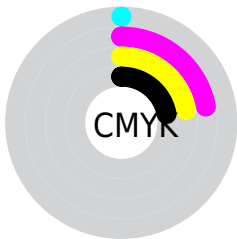
Blue (61%)



Red (78%)

Yellow (61%)

Blue (61%)

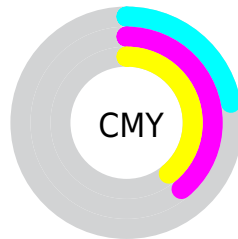


Cyan (0%)

Magenta (22%)

Yellow (22%)

Black (22%)



Cyan (22%)

Magenta (39%)

Yellow (39%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 41.4572, 38.0886, 36.1772 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 41.4572, 38.0886, 36.1772 by changing the saturation by 10% instead.


 41.4572, 38.0886,
36.1772


 41.4572, 38.0886,
36.1772


343.2579,
337.9999, 344.7952

 28.8658, 26.0515,
24.2803

 76.6478, 72.2439,
70.4776

 19.1231, 16.8621,
15.3276


 99.9776, 95.1309,
93.7182

 11.8638, 10.1363,
8.9004


127.6177,
122.4033, 121.5771

 6.7225, 5.4894,
4.5804

159.9332,
154.4454, 154.4728

 3.3340, 2.5372,
1.9488

197.2897,
191.6418, 192.8240

 1.3327, 0.8952,
0.5235

240.0524,

 0.2075, 0.0000,

234.3767, 237.0491

0.0000

288.5867,
283.0346, 287.5666

■ 0.0000, 0.0000,
0.0000

■ 41.4572, 38.0886,
36.1772

■ 41.4572, 38.0886,
36.1772

■ 36.8577, 31.3585,
27.0323

■ 46.8882, 46.0359,
46.9727

■ 33.0458, 25.7806,
19.4544

■ 53.1856, 55.2507,
59.4918

■ 29.9783, 21.2918,
13.3564

■ 60.3860, 65.7868,
73.8064

■ 27.6064, 17.8211,
8.6416

■ 68.5232, 77.6936,
89.9832

■ 25.8760, 15.2889,
5.2018

■ 77.6287, 91.0176,
108.0844

■ 24.7244, 13.6037,
2.9128

■ 77.6296, 91.0194,
108.0847

■ 24.0769, 12.6560,
1.6258

■ 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.



41.7802, 38.0886, 43.9104



41.4572, 38.0886, 36.1772



39.6886, 38.0886, 30.6056

Triad

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



41.4572, 38.0886, 36.1772



32.1769, 38.0886, 32.5249



35.3732, 38.0886, 58.6279

Complementary

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



41.4572, 38.0886, 36.1772



44.5968, 52.4460, 62.4166

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.



32.9259, 38.0886, 54.6469



41.4572, 38.0886, 36.1772



31.1440, 38.0886, 39.1256

Square

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



41.4572, 38.0886, 36.1772



34.3027, 38.0886, 28.6934



31.4109, 38.0886, 47.2598



38.1703, 38.0886, 57.5727

Rectangle

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



41.4572, 38.0886, 36.1772



37.9756, 38.0886, 28.5402



31.4109, 38.0886, 47.2598



34.4847, 38.0886, 57.8172

Sweetspot

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



41.4582, 38.0904, 36.1780



86.8760, 88.0393, 92.6501



45.9665, 39.8927, 59.9213



18.4520, 18.6347, 19.5466



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.



41.4582, 38.0904, 36.1780



67.7106, 59.9949, 54.5495



45.5574, 46.2886, 37.5444



10.6340, 10.6371, 11.0555



15.1454, 7.8079, 0.7088



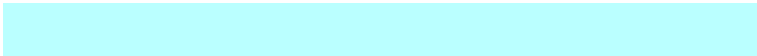
0.7172, 0.3698, 0.0336

Inverse Universe

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



44.5968, 52.4460, 62.4166



74.0944, 89.1944, 107.9188



39.7645, 42.7814, 60.8058



10.9467, 12.0674, 13.6698



19.7592, 28.9123, 39.2836



0.9356, 1.3690, 1.8601

Previews

White Background



This preview shows how the XYZ color 41.4572, 38.0886, 36.1772 looks on a white background.

Color Contrast Check

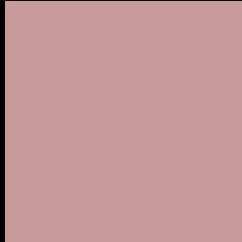
Large Text (above 18pt) WCAG AA × Fail

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 41.4572, 38.0886, 36.1772 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

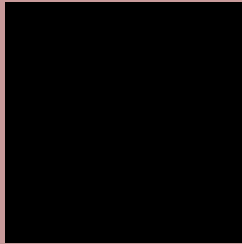
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 41.4572, 38.0886, 36.1772

Background



This preview shows how black text looks on a background with the XYZ color 41.4572, 38.0886, 36.1772.



This preview shows how white text looks on a background with the XYZ color 41.4572, 38.0886,

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

41.4572, 38.0886, 36.1772

Protanopia

36.4657, 38.0295, 39.1367

Deuteranopia

38.8971, 38.0395, 35.8641



Tritanopia

42.2702, 37.9166, 40.6881

Trichromacy



Original Color

41.4572, 38.0886, 36.1772

Protanomaly

38.0589, 37.8167, 38.0943

Deuteranomaly

39.7978, 37.9933, 35.8077

Tritanomaly

42.0760, 38.1019, 38.8550

Monochromacy



Original Color

41.4572, 38.0886, 36.1772

Achromatopsia

37.2190, 39.1572, 42.6422

Achromatomaly

38.5304, 38.5420, 40.0589

CSS Examples

Text

The CSS property to change the color of the text to XYZ 41.4572, 38.0886, 36.1772 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, 155, 155)` looks like.

```
.text, #text, p{  
    color:rgb(200, 155, 155)  
}
```

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, 155, 155) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(200, 155, 155) }
```

Border

The CSS property to change the border of an element to XYZ 41.4572, 38.0886, 36.1772 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, 155, 155) }
```


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

```
.border{ border-color:rgb(200, 155, 155) }
```

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

Here you see how a box with a 4 pixel `rgb(200, 155, 155)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(200, 155, 155); -webkit-box-  
shadow:4px 4px 4px 4px rgb(200, 155, 155);  
box-shadow:4px 4px 4px 4px rgb(200, 155,  
155) }
```

Background

The CSS property to change the background color of an element to XYZ 41.4572, 38.0886, 36.1772 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(200, 155, 155) }
```

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

```
.background{ background-color: rgb(200,  
155, 155) }
```

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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