

Converting Colors

XYZ(41.0797, 37.8385, 36.0027)

Have a look what the booklet for
XYZ(41.0797, 37.8385, 36.0027)
contains.

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Color

**XYZ(41.1909, 37.9514,
36.1647)**

Conversions

Conversions Part 1

Format	Color
Hex	C79B9B
RGB	199, 155, 155
RGB Percent	78%, 61%, 61%
CMY	0.2196, 0.3921, 0.3922
CMYK	0.00, 0.22, 0.22, 0.22
HSL	0°, 28%, 69%
HSV	0°, 22%, 78%
XYZ	41.1909, 37.9514, 36.1647
YIQ	168.1560, 26.2240, 9.3280

Conversions

Conversions Part 2

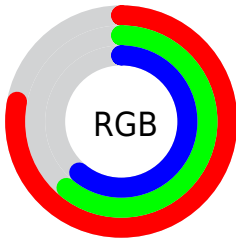
Format	Color
RYB	199, 155, 155
Decimal	13081499
CIELab	67.98, 16.37, 6.29
CIElCh	68, 17.541, 21.028
Yxy	37.9514, 0.3572, 0.3291
Android (android.graphics.Color)	4291271579 (0xFFC79B9B)
YUV	168.1560, -6.4859, 27.0502
Hunter-Lab	61.6047, 11.5426, 8.3174

Details

The XYZ color **41.1909, 37.9514, 36.1647** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **44.2492, 51.9373, 61.7257**, and the grayscale version is **37.3188, 39.2623, 42.7566**.

A 20% lighter version of the original color is **75.7952, 71.9566, 70.2158**, and **18.9506, 16.8294, 15.3463** is the 20% darker color. If you saturate the color by 10%, you get **36.6124, 31.2521, 27.0616**, and if you desaturate by 10%, it is **46.5926, 45.8557, 46.9019**.

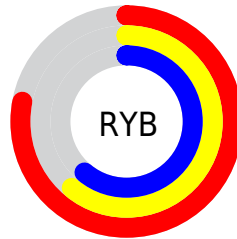
Distribution



Red (78%)

Green (61%)

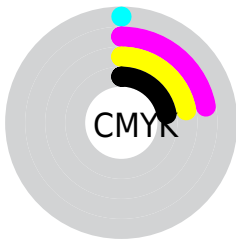
Blue (61%)



Red (78%)

Yellow (61%)

Blue (61%)

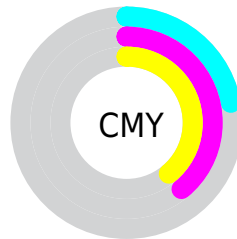


Cyan (0%)

Magenta (22%)

Yellow (22%)

Black (22%)



Cyan (22%)


Magenta (39%)


Yellow (39%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 41.1909, 37.9514, 36.1647 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 41.1909, 37.9514, 36.1647 by changing the saturation by 10% instead.


 41.1909, 37.9514,
36.1647


 41.1909, 37.9514,
36.1647


342.1668,
337.4114, 344.7390

 28.6566, 25.9450,
24.2707

 76.2465, 72.0336,
70.4581

 18.9642, 16.7825,
15.3205


 99.4985, 94.8782,
93.6946

 11.7482, 10.0795,
8.8955


127.0538,
122.1044, 121.5490

 6.6435, 5.4517,
4.5772

159.2777,
154.0964, 154.4399

 3.2845, 2.5147,
1.9470

196.5356,
191.2387, 192.7859

 1.3059, 0.8840,
0.5224


239.1928,


 0.1877, 0.0000,


233.9157, 237.0053


0.0000


287.6148,
282.5118, 287.5168


 0.0000, 0.0000,
0.0000

 41.1909, 37.9514,
36.1647


 41.1909, 37.9514,
36.1647

 36.6124, 31.2521,
27.0616


 46.5926, 45.8557,
46.9019


 32.8139, 25.6937,
19.5103


 52.8518, 55.0146,
59.3453


 29.7528, 21.2143,
13.4250

 60.0047, 65.4812,
73.5654

 27.3812, 17.7439,
8.7106

 68.0844, 77.3040,
89.6283

 25.6456, 15.2043,
5.2608

 77.1225, 90.5290,
107.5964

■ 24.4849, 13.5057,
2.9537

■ 77.3632, 90.8821,
108.0723

■ 23.8257, 12.5409,
1.6435

■ 23.5534, 12.1425,
1.1023

Harmonies

Analogous

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



41.5031, 37.9514, 43.7091



41.1909, 37.9514, 36.1647



39.4712, 37.9514, 30.7122

Triad

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



41.1909, 37.9514, 36.1647



32.1465, 37.9514, 32.5788



35.2601, 37.9514, 58.0024

Complementary

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



41.1909, 37.9514, 36.1647



44.2492, 51.9373, 61.7257

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.



32.8732, 37.9514, 54.1324



41.1909, 37.9514, 36.1647



31.1360, 37.9514, 39.0246

Square

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



41.1909, 37.9514, 36.1647



34.2226, 37.9514, 28.8304



31.3952, 37.9514, 46.9490



37.9862, 37.9514, 56.9849

Rectangle

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



41.1909, 37.9514, 36.1647



37.8034, 37.9514, 28.6856



31.3952, 37.9514, 46.9490



34.3936, 37.9514, 57.2136

Sweetspot

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



41.1919, 37.9531, 36.1655



86.8761, 88.0394, 92.6502



45.5836, 39.7087, 59.2950



18.4520, 18.6348, 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.



41.1919, 37.9531, 36.1655



67.7107, 59.9953, 54.5495



45.1920, 45.9533, 37.4988



10.6340, 10.6371, 11.0555



15.1454, 7.8080, 0.7088



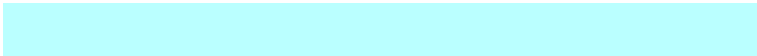
0.7172, 0.3698, 0.0336

Inverse Universe

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



44.2492, 51.9373, 61.7257



74.0942, 89.1939, 107.9187



39.5489, 42.5368, 60.1589



10.9467, 12.0674, 13.6698



19.7589, 28.9117, 39.2835



0.9356, 1.3690, 1.8601

Previews

White Background



This preview shows how the XYZ color 41.1909, 37.9514, 36.1647 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 41.1909, 37.9514, 36.1647 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

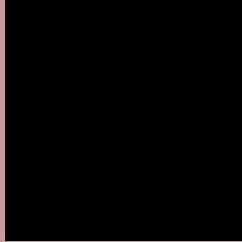
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 41.1909, 37.9514, 36.1647

Background



This preview shows how black text looks on a background with the XYZ color 41.1909, 37.9514, 36.1647.



This preview shows how white text looks on a background with the XYZ color 41.1909, 37.9514,

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

41.1909, 37.9514, 36.1647

Protanopia

36.4657, 38.0295, 39.1367

Deuteranopia

38.6532, 37.9138, 35.8527



Tritanopia

42.0022, 37.7784, 40.6755

Trichromacy



Original Color

41.1909, 37.9514, 36.1647

Protanomaly

38.0589, 37.8167, 38.0943

Deuteranomaly

39.5455, 37.8632, 35.7959

Tritanomaly

41.8080, 37.9638, 38.8424

Monochromacy



Original Color

41.1909, 37.9514, 36.1647

Achromatopsia

37.2190, 39.1572, 42.6422

Achromatomaly

38.2985, 38.4224, 40.0481

CSS Examples

Text

The CSS property to change the color of the text to XYZ 41.1909, 37.9514, 36.1647 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(199, 155, 155)` looks like.

```
.text, #text, p{  
    color:rgb(199, 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(199, 155, 155) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(199, 155, 155) }
```

Border

The CSS property to change the border of an element to XYZ 41.1909, 37.9514, 36.1647 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(199, 155, 155) }
```


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

```
.border{ border-color:rgb(199, 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(199, 155, 155)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(199, 155, 155); -webkit-box-  
shadow:4px 4px 4px 4px rgb(199, 155, 155);  
box-shadow:4px 4px 4px 4px rgb(199, 155,  
155) }
```

Background

The CSS property to change the background color of an element to XYZ 41.1909, 37.9514, 36.1647 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(199, 155, 155) }
```

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

```
.background{ background-color: rgb(199,  
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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