

Converting Colors

XYZ(41.2676, 37.9517, 37.9517)

Have a look what the booklet for
XYZ(41.2676, 37.9517, 37.9517)
contains.

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Color

**XYZ(41.2681, 37.9517,
37.9512)**

Conversions

Conversions Part 1

Format	Color
Hex	C69B9F
RGB	198, 155, 159
RGB Percent	78%, 61%, 62%
CMY	0.2235, 0.3921, 0.3765
CMYK	0.00, 0.22, 0.20, 0.22
HSL	354°, 27%, 69%
HSV	354°, 22%, 78%
XYZ	41.2681, 37.9517, 37.9512
YIQ	168.3130, 24.3440, 10.3600

Conversions

Conversions Part 2

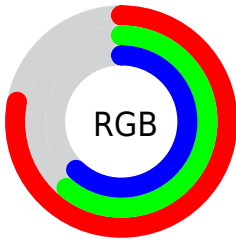
Format	Color
RYB	198, 155, 159
Decimal	13015967
CIELab	67.99, 16.61, 4.05
CIELCh	68, 17.095, 13.706
Yxy	37.9517, 0.3522, 0.3239
Android (android.graphics.Color)	4291206047 (0xFFC69B9F)
YUV	168.3130, -4.5913, 26.0355
Hunter-Lab	61.6050, 11.7654, 6.5984

Details

The XYZ color **41.2681, 37.9517, 37.9512** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **43.4509, 51.2528, 58.6443**, and the grayscale version is **37.3876, 39.3347, 42.8355**.

A 20% lighter version of the original color is **76.4242, 72.2082, 73.5279**, and **18.9848, 16.8230, 16.4339** is the 20% darker color. If you saturate the color by 10%, you get **36.7923, 31.3153, 29.3207**, and if you desaturate by 10%, it is **46.5128, 45.7627, 47.9561**.

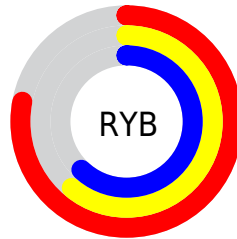
Distribution



Red (78%)

Green (61%)

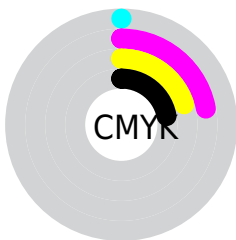
Blue (62%)



Red (78%)

Yellow (61%)

Blue (62%)

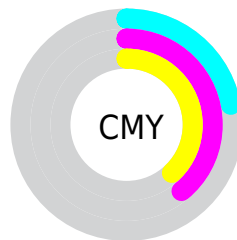


Cyan (0%)

Magenta (22%)

Yellow (20%)

Black (22%)



Cyan (22%)


Magenta (39%)


Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 41.2681, 37.9517, 37.9512 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 41.2681, 37.9517, 37.9512 by changing the saturation by 10% instead.


 41.2681, 37.9517,
37.9512


 41.2681, 37.9517,
37.9512


342.4834,
337.4127, 352.7025

 28.7172, 25.9452,
25.6433

 76.3629, 72.0341,
73.2359

 19.0102, 16.7827,
16.3336


 99.6374, 94.8788,
97.0498

 11.7817, 10.0796,
9.6036


127.2173,
122.1050, 125.5361

 6.6664, 5.4518,
5.0348

159.4678,
154.0971, 159.1133

 3.2988, 2.5147,
2.2086

196.7543,
191.2396, 198.2000

 1.3137, 0.8840,
0.6793

239.4422,

 0.1934, 0.0000,

233.9167, 243.2148

0.0000

287.8967,
282.5130, 294.5761

0.0000, 0.0000,
0.0000

41.2681, 37.9517,
37.9512

41.2681, 37.9517,
37.9512

36.7923, 31.3153,
29.3207

46.5128, 45.7627,
47.9561

33.0461, 25.7920,
22.0022

52.5570, 54.7959,
59.3894

29.9918, 21.3221,
15.9322

59.4332, 65.1024,
72.3048

27.5868, 17.8386,
11.0407

67.1714, 76.7289,
86.7530

25.7837, 15.2668,
7.2510

75.8001, 89.7199,
102.7818

■ 24.5289, 13.5212,
4.4771

■ 77.0989, 90.7459,
108.0599

■ 23.7587, 12.4999,
2.6202

■ 23.4014, 12.0509,
1.6823

Harmonies

Analogous

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



41.2028, 37.9517, 45.5667



41.2681, 37.9517, 37.9512



39.8938, 37.9517, 32.0127

Triad

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



41.2681, 37.9517, 37.9512



32.6548, 37.9517, 31.6201



34.6571, 37.9517, 57.0230

Complementary

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



41.2681, 37.9517, 37.9512



43.4509, 51.2528, 58.6443

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.



32.5024, 37.9517, 52.2831



41.2681, 37.9517, 37.9512



31.3858, 37.9517, 37.3512

Square

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



41.2681, 37.9517, 37.9512



34.8746, 37.9517, 28.6725



31.3314, 37.9517, 44.8887



37.2964, 37.9517, 57.2352

Rectangle

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



41.2681, 37.9517, 37.9512



38.3834, 37.9517, 29.5413



31.3314, 37.9517, 44.8887



33.8552, 37.9517, 55.8823

Sweetspot

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



41.2691, 37.9534, 37.9520



87.1194, 88.1360, 93.9338



44.0868, 38.9514, 58.6212



18.5081, 18.6570, 19.8426



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.



41.2691, 37.9534, 37.9520



69.2079, 61.4601, 59.7634



43.9969, 43.9551, 37.1778



10.6732, 10.6527, 11.2626



15.2327, 7.8426, 1.1692



0.7353, 0.3770, 0.1293

Inverse Universe

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



41.2691, 37.9534, 37.9520



69.2079, 61.4601, 59.7634



40.1954, 44.0137, 59.8035



10.6732, 10.6527, 11.2626



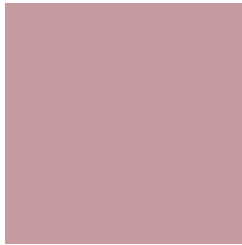
15.2327, 7.8426, 1.1692



0.7353, 0.3770, 0.1293

Previews

White Background



This preview shows how the XYZ color 41.2681, 37.9517, 37.9512 looks on a white background.

Color Contrast Check

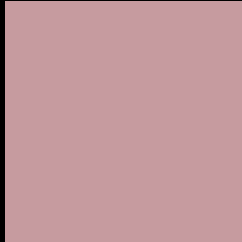
Large Text (above 18pt) WCAG AA × Fail

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 41.2681, 37.9517, 37.9512 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 41.2681, 37.9517, 37.9512

Background



This preview shows how black text looks on a background with the XYZ color 41.2681, 37.9517, 37.9512.



This preview shows how white text looks on a background with the XYZ color 41.2681, 37.9517,

37.9512.

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

41.2681, 37.9517, 37.9512

Protanopia

36.6089, 38.0619, 41.0145

Deuteranopia

38.7499, 37.9245, 37.6256



Tritanopia

41.9917, 38.0065, 41.1992

Trichromacy



Original Color

41.2681, 37.9517, 37.9512

Protanomaly

38.1781, 37.8374, 39.9415

Deuteranomaly

39.6336, 37.8695, 37.5684

Tritanomaly

41.7196, 37.8977, 39.7664

Monochromacy



Original Color

41.2681, 37.9517, 37.9512

Achromatopsia

37.2190, 39.1572, 42.6422

Achromatomaly

38.4791, 38.4947, 40.9995

CSS Examples

Text

The CSS property to change the color of the text to XYZ 41.2681, 37.9517, 37.9512 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(198, 155, 159)` looks like.

```
.text, #text, p{  
    color:rgb(198, 155, 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(198, 155, 159) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 155, 159) }
```

Border

The CSS property to change the border of an element to XYZ 41.2681, 37.9517, 37.9512 is called "border". The border property can be set on classes, ids or directly on the HTML element.

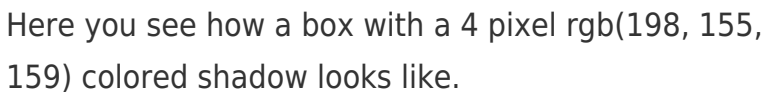
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(198, 155, 159) }
```


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

```
.border{ border-color:rgb(198, 155, 159) }
```

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



Here you see how a box with a 4 pixel `rgb(198, 155, 159)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(198, 155, 159); -webkit-box-shadow:4px 4px 4px 4px rgb(198, 155, 159); box-shadow:4px 4px 4px 4px rgb(198, 155, 159) }
```

Background

The CSS property to change the background color of an element to XYZ 41.2681, 37.9517, 37.9512 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(198, 155, 159) }
```

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

```
.background{ background-color: rgb(198,  
155, 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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