

Converting Colors

XYZ(41.1960, 37.1425, 40.2520)

Have a look what the booklet for
XYZ(41.1960, 37.1425, 40.2520)
contains.

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Color

**XYZ(41.2178, 37.1426,
40.1188)**

Conversions

Conversions Part 1

Format	Color
Hex	C698A4
RGB	198, 152, 164
RGB Percent	78%, 60%, 64%
CMY	0.2235, 0.4039, 0.3569
CMYK	0.00, 0.23, 0.17, 0.22
HSL	344°, 29%, 69%
HSV	344°, 23%, 78%
XYZ	41.2178, 37.1426, 40.1188
YIQ	167.1220, 23.5640, 13.4840

Conversions

Conversions Part 2

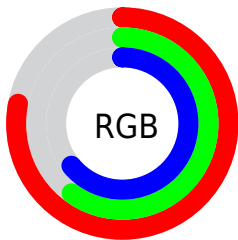
Format	Color
R_{YB}	198, 152, 164
Decimal	13015204
CIE _{Lab}	67.38, 19.05, 0.38
CIE _{LCh}	67, 19.050, 1.155
Yxy	37.1426, 0.3479, 0.3135
Android (android.graphics.Color)	4291205284 (0xFFC698A4)
YUV	167.1220, -1.5391, 27.0800
Hunter-Lab	60.9447, 14.0689, 3.6318

Details

The XYZ color **41.2178, 37.1426, 40.1188** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **42.0074, 50.6097, 54.0115**, and the grayscale version is **36.7901, 38.7061, 42.1509**.

A 20% lighter version of the original color is **76.0975, 70.5171, 76.6182**, and **18.9060, 16.3169, 17.4822** is the 20% darker color. If you saturate the color by 10%, you get **37.0220, 30.7456, 32.5701**, and if you desaturate by 10%, it is **46.1043, 44.6767, 48.6491**.

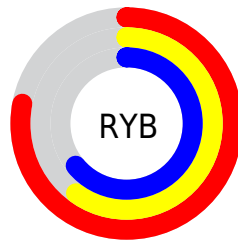
Distribution



Red (78%)

Green (60%)

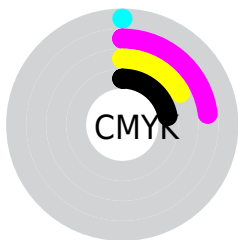
Blue (64%)



Red (78%)

Yellow (60%)

Blue (64%)

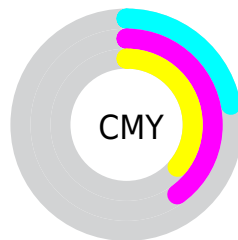


Cyan (0%)

Magenta (23%)

Yellow (17%)

Black (22%)



Cyan (22%)


Magenta (40%)


Yellow (36%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 41.2178, 37.1426, 40.1188 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 41.2178, 37.1426, 40.1188 by changing the saturation by 10% instead.


 41.2178, 37.1426,
40.1188


 41.2178, 37.1426,
40.1188

342.2771,
333.9275, 362.1910

 28.6777, 25.3179,
27.3167


 76.2870, 70.7921,
76.5835

 18.9802, 16.3141,
17.5767

 99.5469, 93.3856,
101.0831

 11.7599, 9.7467,
10.4802


127.1108,
120.3376, 130.3189

 6.6514, 5.2313,
5.6087

159.3439,
152.0324, 164.7096

 3.2895, 2.3836,
2.5438

196.6118,
188.8544, 204.6736

 1.3086, 0.8174,
0.8632

239.2797,

 0.1897, 0.0000,

231.1879, 250.6295

0.0000

287.7131,
279.4175, 302.9958

■ 0.0000, 0.0000,
0.0000

■ 41.2178, 37.1426,
40.1188

■ 41.2178, 37.1426,
40.1188

■ 37.0220, 30.7456,
32.5701

■ 46.1043, 44.6767,
48.6491

■ 33.4819, 25.4254,
25.9647

■ 51.7080, 53.3944,
58.1928

■ 30.5644, 21.1237,
20.2653

■ 58.0579, 63.3455,
68.7828

■ 28.2320, 17.7747,
15.4310

■ 65.1803, 74.5758,
80.4501

■ 26.4428, 15.3047,
11.4175

■ 73.1002, 87.1285,
93.2242

■ 25.1494, 13.6293,
8.1765

■ 76.5906, 90.5425,
105.3832

■ 24.2952, 12.6470,
5.6535

■ 77.0989, 90.7459,
108.0599

■ 23.9006, 12.2506,
4.3114

Harmonies

Analogous

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



40.4516, 37.1426, 48.7042



41.2178, 37.1426, 40.1188



40.3279, 37.1426, 32.6820

Triad

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



41.2178, 37.1426, 40.1188



32.4777, 37.1426, 28.1854



32.6635, 37.1426, 56.2212

Complementary

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



41.2178, 37.1426, 40.1188



42.0074, 50.6097, 54.0115

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.



30.7138, 37.1426, 49.3423



41.2178, 37.1426, 40.1188



30.6108, 37.1426, 33.1713

Square

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



41.2178, 37.1426, 40.1188



35.1899, 37.1426, 26.4043



29.9828, 37.1426, 40.7669



35.4162, 37.1426, 58.7383

Rectangle

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



41.2178, 37.1426, 40.1188



38.9421, 37.1426, 29.1688



29.9828, 37.1426, 40.7669



31.8979, 37.1426, 54.2995

Sweetspot

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



41.2188, 37.1443, 40.1196



87.5654, 88.3144, 96.2825



41.6075, 36.9413, 58.3639



18.6111, 18.6982, 20.3849



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.



41.2188, 37.1443, 40.1196



68.9845, 59.6498, 63.8927



42.0074, 40.3742, 35.2868



10.7455, 10.6816, 11.6433



15.5733, 7.9789, 2.9631



0.7681, 0.3901, 0.3022

Inverse Universe

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



41.2188, 37.1443, 40.1196



68.9845, 59.6498, 63.8927



40.9702, 46.4077, 60.2247



10.7455, 10.6816, 11.6433



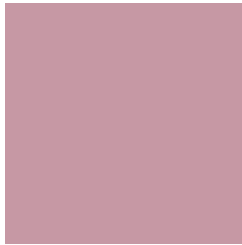
15.5733, 7.9789, 2.9631



0.7681, 0.3901, 0.3022

Previews

White Background



This preview shows how the XYZ color 41.2178, 37.1426, 40.1188 looks on a white background.

Color Contrast Check

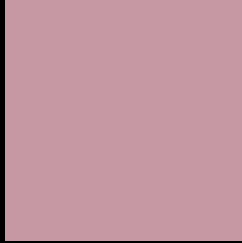
Large Text (above 18pt) WCAG AA × Fail

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 41.2178, 37.1426, 40.1188 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

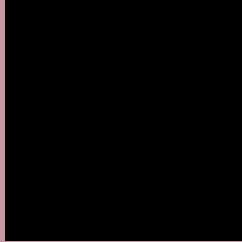
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 41.2178, 37.1426, 40.1188

Background



This preview shows how black text looks on a background with the XYZ color 41.2178, 37.1426, 40.1188.



This preview shows how white text looks on a background with the XYZ color 41.2178, 37.1426,

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

41.2178, 37.1426, 40.1188

Protanopia

35.9649, 37.1340, 43.8001

Deuteranopia

38.0651, 37.2644, 39.8368



Tritanopia

41.2178, 37.1426, 40.1188

Trichromacy



Original Color

41.2178, 37.1426, 40.1188

Protanomaly

37.5975, 36.9705, 42.2002

Deuteranomaly

38.9928, 36.9861, 39.7342

Tritanomaly

41.2178, 37.1426, 40.1188

Monochromacy



Original Color

41.2178, 37.1426, 40.1188

Achromatopsia

36.7301, 38.6429, 42.0822

Achromatomaly

38.1634, 38.0588, 41.4111

CSS Examples

Text

The CSS property to change the color of the text to XYZ 41.2178, 37.1426, 40.1188 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, 152, 164)` looks like.

```
.text, #text, p{  
    color:rgb(198, 152, 164)  
}
```

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, 152, 164) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 152, 164) }
```

Border

The CSS property to change the border of an element to XYZ 41.2178, 37.1426, 40.1188 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, 152, 164) }
```


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

```
.border{ border-color:rgb(198, 152, 164) }
```

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

Here you see how a box with a 4 pixel rgb(198, 152, 164) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(198, 152, 164); -webkit-box-  
shadow:4px 4px 4px 4px rgb(198, 152, 164);  
box-shadow:4px 4px 4px 4px rgb(198, 152,  
164) }
```

Background

The CSS property to change the background color of an element to XYZ 41.2178, 37.1426, 40.1188 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(198, 152, 164) }
```

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

```
.background{ background-color: rgb(198,  
152, 164) }
```

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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