

Converting Colors

XYZ(41.1712, 38.0277, 21.0897)

Have a look what the booklet for
XYZ(41.1712, 38.0277, 21.0897)
contains.

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Color

**XYZ(41.1712, 38.0277,
21.0897)**

Conversions

Conversions Part 1

Format	Color
Hex	D29A72
RGB	210, 154, 114
RGB Percent	82%, 60%, 45%
CMY	0.1765, 0.3961, 0.5529
CMYK	0.00, 0.27, 0.46, 0.18
HSL	25°, 52%, 64%
HSV	25°, 46%, 82%
XYZ	41.1712, 38.0277, 21.0897
YIQ	166.1840, 46.2160, -0.5680

Conversions

Conversions Part 2

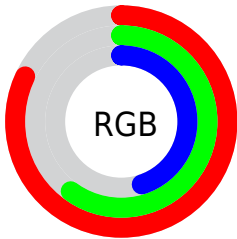
Format	Color
RYB	210, 183, 114
Decimal	13802098
CIELab	68.04, 16.07, 29.18
CIELCh	68, 33.313, 61.157
Yxy	38.0277, 0.4105, 0.3792
Android (android.graphics.Color)	4291992178 (0xFFD29A72)
YUV	166.1840, -25.7267, 38.4266
Hunter-Lab	61.6666, 11.2575, 22.8897

Details

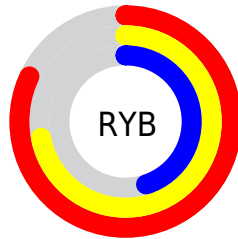
The XYZ color **41.1712, 38.0277, 21.0897** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **32.9464, 36.9786, 66.3738**, and the grayscale version is **36.4402, 38.3379, 41.7500**.

A 20% lighter version of the original color is **70.6788, 69.1249, 45.6937**, and **18.9413, 16.8545, 7.2559** is the 20% darker color. If you saturate the color by 10%, you get **38.1910, 33.7655, 14.8608**, and if you desaturate by 10%, it is **44.6341, 42.8159, 28.8340**.

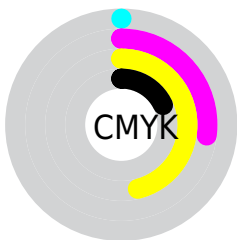
Distribution



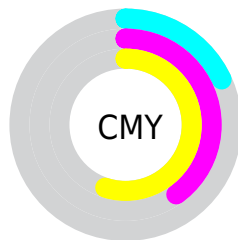
- Red (82%)
- Green (60%)
- Blue (45%)



- Red (82%)
- Yellow (72%)
- Blue (45%)



- Cyan (0%)
- Magenta (27%)
- Yellow (46%)
- Black (18%)



- Cyan (18%)
- Magenta (40%)
- Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 41.1712, 38.0277, 21.0897 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 41.1712, 38.0277, 21.0897 by changing the saturation by 10% instead.

41.1712, 38.0277,
21.0897

41.1712, 38.0277,
21.0897

342.0860,
337.7388, 270.5515

28.6411, 26.0042,
12.9977

76.2168, 72.1506,
46.1195

18.9524, 16.8268,
7.2963

99.4630, 95.0188,
63.8944

11.7397, 10.1111,
3.5668

127.0120,
122.2706, 85.7340

6.6376, 5.4727,
1.3908

159.2291,
154.2905, 112.0568

3.2808, 2.5272,
0.1346

196.4797,
191.4629, 143.2815

1.3040, 0.8902,
0.0000

239.1292,

0.1862, 0.0000,

234.1721, 179.8264

0.0000

287.5428,
282.8026, 222.1103

■ 0.0000, 0.0000,
0.0000

■ 41.1712, 38.0277,
21.0897

■ 41.1712, 38.0277,
21.0897

■ 38.1910, 33.7655,
14.8608

■ 44.6341, 42.8159,
28.8340

■ 35.6653, 30.0040,
10.0427

■ 48.5999, 48.1434,
38.1842

■ 33.5673, 26.7235,
6.5211


■ 53.0911, 54.0297,
49.2263


■ 31.8652, 23.9004,
4.1622

■ 58.1278, 60.4914,
62.0393


■ 30.5210, 21.5081,
2.8013


■ 63.7289, 67.5446,
76.6973

 30.0279, 20.6009,
2.3937

 69.9125, 75.2047,
93.2703

 75.7144, 83.0937,
106.6559

 79.4379, 90.5407,
107.8970

 80.3883, 92.4416,
108.2138

Harmonies

Analogous

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



45.3667, 38.0277, 28.3178



41.1712, 38.0277, 21.0897



35.9432, 38.0277, 18.9134

Triad

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



41.1712, 38.0277, 21.0897



27.0630, 38.0277, 41.9852



41.5528, 38.0277, 70.9680

Complementary

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



41.1712, 38.0277, 21.0897



32.9464, 36.9786, 66.3738

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.



36.3460, 38.0277, 77.0242



41.1712, 38.0277, 21.0897



28.2648, 38.0277, 58.0088

Square

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



41.1712, 38.0277, 21.0897



28.0942, 38.0277, 29.1004



31.5440, 38.0277, 71.7973



45.6014, 38.0277, 56.7669

Rectangle

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



41.1712, 38.0277, 21.0897



32.6632, 38.0277, 20.0747



31.5440, 38.0277, 71.7973



39.8641, 38.0277, 74.1576

Sweetspot

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



41.1721, 38.0295, 21.0904



83.5389, 85.3366, 79.2937



39.8515, 28.6389, 41.4579



17.5340, 17.8164, 16.1028



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.



41.1721, 38.0295, 21.0904



59.3010, 52.4537, 23.1434



50.7362, 57.1576, 24.2785



12.2077, 12.6061, 12.4018



18.4109, 12.7548, 1.4916



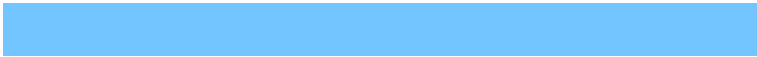
1.1070, 0.8683, 0.1092

Inverse Universe

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



32.9464, 36.9786, 66.3738



44.9529, 50.5790, 102.0012



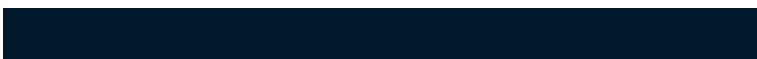
25.5322, 22.1500, 63.9024



11.7283, 12.5469, 15.0473



11.4792, 11.6050, 38.8275



0.7192, 0.8037, 2.1968

Previews

White Background



This preview shows how the XYZ color 41.1712, 38.0277, 21.0897 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 41.1712, 38.0277, 21.0897 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

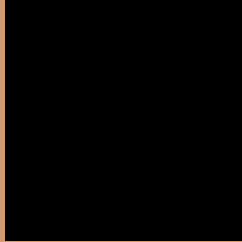
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 41.1712, 38.0277, 21.0897

Background



This preview shows how black text looks on a background with the XYZ color 41.1712, 38.0277, 21.0897.



This preview shows how white text looks on a background with the XYZ color 41.1712, 38.0277,

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

41.1712, 38.0277, 21.0897

Protanopia

35.5564, 38.1881, 22.9498

Deuteranopia

38.9320, 38.1306, 20.9308



Tritanopia

44.5795, 37.9792, 37.7820

Trichromacy



Original Color

41.1712, 38.0277, 21.0897

Protanomaly

37.3664, 38.0722, 22.2089

Deuteranomaly

39.6662, 38.0027, 20.8674

Tritanomaly

43.3048, 37.9420, 31.0277

Monochromacy



Original Color

41.1712, 38.0277, 21.0897

Achromatopsia

36.2450, 38.1326, 41.5264

Achromatomaly

37.4782, 37.8923, 32.9424

CSS Examples

Text

The CSS property to change the color of the text to XYZ 41.1712, 38.0277, 21.0897 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(210, 154, 114)` looks like.

```
.text, #text, p{  
    color:rgb(210, 154, 114)  
}
```

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(210, 154, 114) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(210, 154, 114) }
```

Border

The CSS property to change the border of an element to XYZ 41.1712, 38.0277, 21.0897 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(210, 154, 114) }
```


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

```
.border{ border-color:rgb(210, 154, 114) }
```

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

Here you see how a box with a 4 pixel rgb(210, 154, 114) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(210, 154, 114); -webkit-box-  
shadow:4px 4px 4px 4px rgb(210, 154, 114);  
box-shadow:4px 4px 4px 4px rgb(210, 154,  
114) }
```

Background

The CSS property to change the background color of an element to XYZ 41.1712, 38.0277, 21.0897 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(210, 154, 114) }
```

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

```
.background{ background-color: rgb(210,  
154, 114) }
```

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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