

Converting Colors

XYZ(41.6199, 38.7441, 21.3227)

Have a look what the booklet for
XYZ(41.6199, 38.7441, 21.3227)
contains.

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Color

**XYZ(41.5041, 38.6935,
21.2007)**

Conversions

Conversions Part 1

Format	Color
Hex	D29C72
RGB	210, 156, 114
RGB Percent	82%, 61%, 45%
CMY	0.1765, 0.3882, 0.5529
CMYK	0.00, 0.26, 0.46, 0.18
HSL	26°, 52%, 64%
HSV	26°, 46%, 82%
XYZ	41.5041, 38.6935, 21.2007
YIQ	167.3580, 45.6660, -1.6140

Conversions

Conversions Part 2

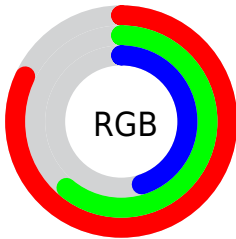
Format	Color
RYB	210, 189, 114
Decimal	13802610
CIELab	68.53, 14.99, 29.82
CIElCh	69, 33.372, 63.318
Yxy	38.6935, 0.4093, 0.3816
Android (android.graphics.Color)	4291992690 (0xFFD29C72)
YUV	167.3580, -26.3055, 37.3970
Hunter-Lab	62.2041, 10.2424, 23.3354

Details

The XYZ color **41.5041, 38.6935, 21.2007** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **32.5743, 36.2344, 66.2498**, and the grayscale version is **37.0149, 38.9425, 42.4084**.

A 20% lighter version of the original color is **71.4172, 70.6017, 45.9398**, and **19.1426, 17.2571, 7.3231** is the 20% darker color. If you saturate the color by 10%, you get **38.5568, 34.4973, 14.9828**, and if you desaturate by 10%, it is **44.9205, 43.3887, 28.9295**.

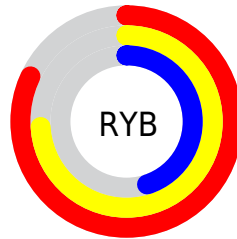
Distribution



Red (82%)

Green (61%)

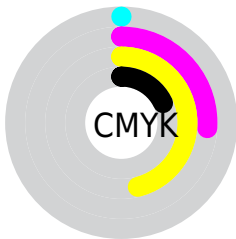
Blue (45%)



Red (82%)

Yellow (74%)

Blue (45%)

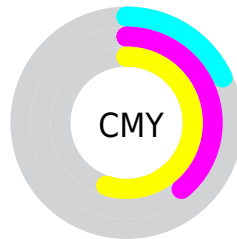


Cyan (0%)

Magenta (26%)

Yellow (46%)

Black (18%)



Cyan (18%)


Magenta (39%)


Yellow (55%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 41.5041, 38.6935, 21.2007 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 41.5041, 38.6935, 21.2007 by changing the saturation by 10% instead.


 41.5041, 38.6935,
21.2007


 41.5041, 38.6935,
21.2007


343.4498,
340.5856, 271.1592


 28.9026, 26.5214,
13.0781


 76.7184, 73.1699,
46.3064


 19.1511, 17.2141,
7.3510


 100.0620, 96.2429,
64.1267

 11.8841, 10.3872,
3.6008


 127.7169,
123.7183, 86.0165

 6.7365, 5.6565,
1.4090

 160.0486,
155.9806, 112.3946

 3.3427, 2.6373,
0.1487

197.4223,
193.4140, 143.6793

 1.3375, 0.9455,
0.0000

240.2036,

 0.2110, 0.0000,

236.4031, 180.2893

0.0000

288.7576,
285.3322, 222.6431

■ 0.0000, 0.0000,
0.0000

■ 41.5041, 38.6935,
21.2007

■ 41.5041, 38.6935,
21.2007

■ 38.5568, 34.4973,
14.9828

■ 44.9205, 43.3887,
28.9295

■ 36.0513, 30.7760,
10.1714

■ 48.8255, 48.5947,
38.2595

■ 33.9613, 27.5114,
6.6524

■ 53.2412, 54.3298,
49.2764

■ 32.2557, 24.6815,
4.2923

■ 58.1869, 60.6096,
62.0591

■ 30.8975, 22.2612,
2.9269

■ 63.6811, 67.4491,
76.6815

■ 30.3955, 21.3361,
2.5163

■ 69.7414, 74.8624,
93.2134

■ 75.4029, 82.4708,
106.5520

■ 78.9686, 89.6023,
107.7406

■ 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.



45.8846, 38.6935, 28.1489



41.5041, 38.6935, 21.2007



36.1952, 38.6935, 19.3389

Triad

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



41.5041, 38.6935, 21.2007



27.5826, 38.6935, 43.8280



42.6119, 38.6935, 71.2387

Complementary

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



41.5041, 38.6935, 21.2007



32.5743, 36.2344, 66.2498

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.



37.3650, 38.6935, 78.1328



41.5041, 38.6935, 21.2007



28.9621, 38.6935, 60.1115

Square

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



41.5041, 38.6935, 21.2007



28.4662, 38.6935, 30.4250



32.4232, 38.6935, 73.6427



46.5658, 38.6935, 56.5089

Rectangle

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



41.5041, 38.6935, 21.2007



32.9201, 38.6935, 20.7496



32.4232, 38.6935, 73.6427



40.9240, 38.6935, 74.6896

Sweetspot

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



41.5051, 38.6954, 21.2015



83.7513, 85.7614, 79.3645



39.7011, 28.5787, 40.6655



17.5855, 17.9195, 16.1200



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.



41.5051, 38.6954, 21.2015



59.8683, 53.5884, 23.3325



51.1136, 57.9124, 24.4043



12.2282, 12.6471, 12.4087



18.6372, 13.2074, 1.5670



1.1204, 0.8951, 0.1137

Inverse Universe

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



32.5743, 36.2344, 66.2498



44.2978, 49.2686, 101.7828



25.3373, 21.7604, 63.8374



11.7074, 12.5050, 15.0403



11.1576, 10.9617, 38.7202



0.7021, 0.7694, 2.1911

Previews

White Background



This preview shows how the XYZ color 41.5041, 38.6935, 21.2007 looks on a white background.

Color Contrast Check

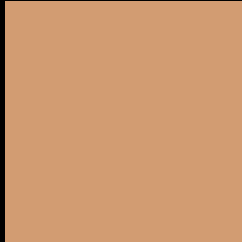
Large Text (above 18pt) WCAG AA × Fail

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 41.5041, 38.6935, 21.2007 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

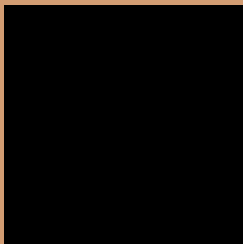
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 41.5041, 38.6935, 21.2007

Background



This preview shows how black text looks on a background with the XYZ color 41.5041, 38.6935, 21.2007.



This preview shows how white text looks on a background with the XYZ color 41.5041, 38.6935,

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

41.5041, 38.6935, 21.2007

Protanopia

35.9709, 38.6726, 23.0215

Deuteranopia

39.3709, 38.6132, 21.0008



Tritanopia

45.0709, 38.6820, 38.8091

Trichromacy



Original Color

41.5041, 38.6935, 21.2007

Protanomaly

37.7939, 38.5551, 22.2795

Deuteranomaly

40.2806, 38.8259, 20.9939

Tritanomaly

43.7029, 38.6162, 31.5358

Monochromacy



Original Color

41.5041, 38.6935, 21.2007

Achromatopsia

36.7301, 38.6429, 42.0822

Achromatomaly

37.9709, 38.3998, 33.4276

CSS Examples

Text

The CSS property to change the color of the text to XYZ 41.5041, 38.6935, 21.2007 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, 156, 114)` looks like.

```
.text, #text, p{  
    color:rgb(210, 156, 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, 156, 114) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(210, 156, 114) }
```

Border

The CSS property to change the border of an element to XYZ 41.5041, 38.6935, 21.2007 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, 156, 114) }
```


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

```
.border{ border-color:rgb(210, 156, 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, 156, 114)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(210, 156, 114); -webkit-box-  
shadow:4px 4px 4px 4px rgb(210, 156, 114);  
box-shadow:4px 4px 4px 4px rgb(210, 156,  
114) }
```

Background

The CSS property to change the background color of an element to XYZ 41.5041, 38.6935, 21.2007 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(210, 156, 114) }
```

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

```
.background{ background-color: rgb(210,  
156, 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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