

Converting Colors

XYZ(39.5372, 41.2340, 21.0710)

Have a look what the booklet for
XYZ(39.5372, 41.2340, 21.0710)
contains.

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Color

**XYZ(39.3607, 41.0151,
21.1714)**

Conversions

Conversions Part 1

Format	Color
Hex	C2A970
RGB	194, 169, 112
RGB Percent	76%, 66%, 44%
CMY	0.2392, 0.3372, 0.5608
CMYK	0.00, 0.13, 0.42, 0.24
HSL	42°, 40%, 60%
HSV	42°, 42%, 76%
XYZ	39.3607, 41.0151, 21.1714
YIQ	169.9770, 33.1970, -12.4270

Conversions

Conversions Part 2

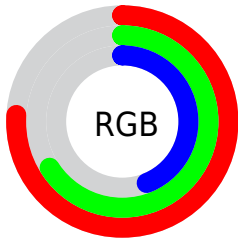
Format	Color
RYB	148, 194, 112
Decimal	12757360
CIELab	70.19, 1.19, 32.73
CIELCh	70, 32.752, 87.911
Yxy	41.0151, 0.3876, 0.4039
Android (android.graphics.Color)	4290947440 (0xFFC2A970)
YUV	169.9770, -28.5827, 21.0682
Hunter-Lab	64.0430, -2.3696, 25.2300

Details

The XYZ color **39.3607, 41.0151, 21.1714** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **25.3651, 25.2302, 54.5718**, and the grayscale version is **38.3243, 40.3201, 43.9086**.

A 20% lighter version of the original color is **73.5014, 76.6871, 46.0501**, and **17.9060, 18.5704, 7.3433** is the 20% darker color. If you saturate the color by 10%, you get **37.3197, 38.4795, 15.7240**, and if you desaturate by 10%, it is **41.6862, 43.7472, 27.8627**.

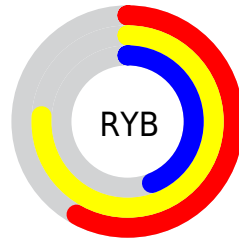
Distribution



Red (76%)

Green (66%)

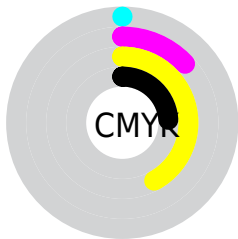
Blue (44%)



Red (58%)

Yellow (76%)

Blue (44%)

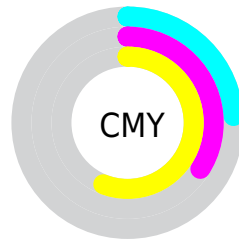


Cyan (0%)

Magenta (13%)

Yellow (42%)

Black (24%)



Cyan (24%)


Magenta (34%)


Yellow (56%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 39.3607, 41.0151, 21.1714 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 39.3607, 41.0151, 21.1714 by changing the saturation by 10% instead.


 39.3607, 41.0151,
21.1714


 39.3607, 41.0151,
21.1714


334.6024,
350.3837, 270.9989


 27.2224, 28.3309,
13.0569


 73.4796, 76.7068,
46.2571

 17.8778, 18.5752,
7.3365


 96.1909, 100.4831,
64.0654

 10.9614, 11.3638,
3.5918


 123.1573,
128.7255, 85.9420

 6.1080, 6.3121,
1.4042

 154.7440,
161.8185, 112.3055

 2.9522, 3.0357,
0.1450

191.3166,
200.1464, 143.5743

 1.1285, 1.1504,
0.0000

233.2403,

 0.0488, 0.0206,

244.0937, 180.1672

0.0000

280.8804,
294.0446, 222.5025

■ 0.0000, 0.0000,
0.0000

■ 39.3607, 41.0151,
21.1714

■ 39.3607, 41.0151,
21.1714

■ 37.3197, 38.4795,
15.7240

■ 41.6862, 43.7472,
27.8627

■ 35.5445, 36.1273,
11.4383

■ 44.3077, 46.6767,
35.8680

■ 34.0185, 33.9522,
8.2261

■ 47.2393, 49.8120,
45.2552

■ 32.7218, 31.9454,
5.9854

■ 50.4935, 53.1590,
56.0867

■ 31.6304, 30.0960,
4.5940

■ 54.0821, 56.7233,
68.4209

■ 30.8932, 28.7595,
3.9229

■ 58.0161, 60.5103,
82.3133

■ 62.3060, 64.5251,
97.8164

■ 64.9343, 67.9617,
104.3033

■ 66.4796, 71.0524,
104.8184

Harmonies

Analogous

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



44.7217, 41.0151, 24.0215



39.3607, 41.0151, 21.1714



34.3536, 41.0151, 23.3165

Triad

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



39.3607, 41.0151, 21.1714



30.5636, 41.0151, 59.9563



48.3879, 41.0151, 62.2541

Complementary

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



39.3607, 41.0151, 21.1714



25.3651, 25.2302, 54.5718

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.



44.0120, 41.0151, 76.1652



39.3607, 41.0151, 21.1714



33.7587, 41.0151, 74.6389

Square

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



39.3607, 41.0151, 21.1714



29.5608, 41.0151, 43.5906



38.6090, 41.0151, 81.1453



50.2221, 41.0151, 45.7436

Rectangle

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



39.3607, 41.0151, 21.1714



31.8217, 41.0151, 27.6455



38.6090, 41.0151, 81.1453



47.1468, 41.0151, 67.5197

Sweetspot

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



39.3617, 41.0170, 21.1722



85.0627, 89.6976, 80.2846



32.6276, 24.8921, 27.1175



18.3578, 19.3575, 16.7063



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.



39.3617, 41.0170, 21.1722



67.7729, 69.9187, 28.8933



40.7992, 49.3331, 22.7016



10.6459, 11.2233, 10.6671



20.3865, 19.0587, 2.6042



0.9393, 0.9404, 0.1320

Inverse Universe

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



25.3651, 25.2302, 54.5718



38.9987, 37.4949, 97.6516



24.2895, 19.9985, 53.6187



9.7731, 10.2375, 12.7458



7.4992, 4.7550, 34.0792



0.3863, 0.3300, 1.4932

Previews

White Background



This preview shows how the XYZ color 39.3607, 41.0151, 21.1714 looks on a white background.

Color Contrast Check

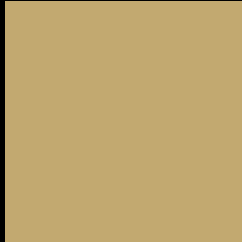
Large Text (above 18pt) WCAG AA × Fail

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 39.3607, 41.0151, 21.1714 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

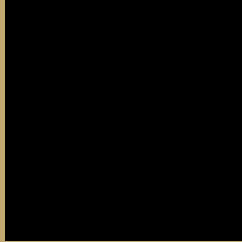
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 39.3607, 41.0151, 21.1714

Background



This preview shows how black text looks on a background with the XYZ color 39.3607, 41.0151, 21.1714.



This preview shows how white text looks on a background with the XYZ color 39.3607, 41.0151,

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

39.3607, 41.0151, 21.1714

Protanopia

37.9829, 41.1364, 21.5610

Deuteranopia

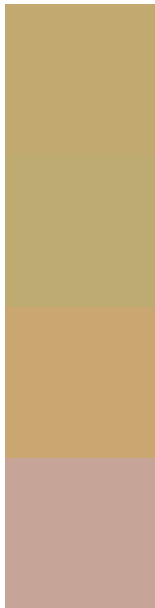
41.7097, 40.8650, 21.3122



Tritanopia

44.2043, 40.8251, 45.5946

Trichromacy



Original Color

39.3607, 41.0151, 21.1714

Protanomaly

38.5298, 41.1369, 21.5323

Deuteranomaly

40.9740, 41.0212, 21.3811

Tritanomaly

42.1501, 40.7911, 34.9301

Monochromacy



Original Color

39.3607, 41.0151, 21.1714

Achromatopsia

38.2080, 40.1978, 43.7754

Achromatomaly

38.3899, 40.5031, 34.2283

CSS Examples

Text

The CSS property to change the color of the text to XYZ 39.3607, 41.0151, 21.1714 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(194, 169, 112)` looks like.

```
.text, #text, p{  
    color:rgb(194, 169, 112)  
}
```

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(194, 169, 112) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 169, 112) }
```

Border

The CSS property to change the border of an element to XYZ 39.3607, 41.0151, 21.1714 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(194, 169, 112) }
```


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

```
.border{ border-color:rgb(194, 169, 112) }
```

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

Here you see how a box with a 4 pixel `rgb(194, 169, 112)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(194, 169, 112); -webkit-box-  
shadow:4px 4px 4px 4px rgb(194, 169, 112);  
box-shadow:4px 4px 4px 4px rgb(194, 169,  
112) }
```

Background

The CSS property to change the background color of an element to XYZ 39.3607, 41.0151, 21.1714 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 169, 112) }
```

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

```
.background{ background-color: rgb(194,  
169, 112) }
```

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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