

Converting Colors

XYZ(21.0372, 40.3710, 11.8379)

Have a look what the booklet for
XYZ(21.0372, 40.3710, 11.8379)
contains.

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Color

**XYZ(21.0372, 40.3710,
11.8379)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|------------------------------|
| Hex | 07C542 |
| RGB | 7, 197, 66 |
| RGB Percent | 3%, 77%, 26% |
| CMY | 0.9725, 0.2274, 0.7412 |
| CMYK | 0.96, 0.00, 0.66, 0.23 |
| HSL | 139°, 93%, 40% |
| HSV | 139°, 96%, 77% |
| XYZ | 21.0372, 40.3710, 11.8379 |
| YIQ | 125.2560, -71.1890, -81.0210 |

Conversions

Conversions Part 2

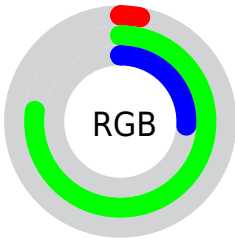
| Format | Color |
|-------------------------------------|----------------------------------|
| RYB | 7, 152, 197 |
| Decimal | 509250 |
| CIELab | 69.73, -67.09, 52.36 |
| CIELCh | 70, 85.103, 142.030 |
| Yxy | 40.3710, 0.2872, 0.5512 |
| Android (android.graphics.Color) | 4278699330 (0xFF07C542) |
| YUV | 125.2560, -29.2132, -103.7105 |
| Hunter-Lab | 63.5382, -52.0913, 33.4303 |

Details

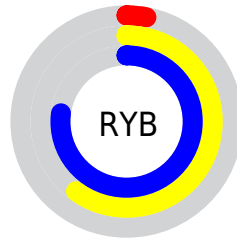
The XYZ color **21.0372, 40.3710, 11.8379** is a dark color, and the websafe version is hex **33CC33**. The color can be described as dark washed green. A complement of this color would be **27.6902, 13.8577, 25.2598**, and the grayscale version is **19.6927, 20.7183, 22.5622**.

A 20% lighter version of the original color is **44.5693, 75.6767, 29.7108**, and **9.5249, 19.0498, 3.1750** is the 20% darker color. If you saturate the color by 10%, you get **20.8142, 40.2729, 11.1165**, and if you desaturate by 10%, it is **21.8439, 40.7361, 14.2212**.

Distribution



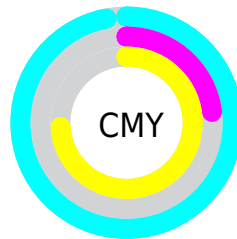
- Red (3%)
- Green (77%)
- Blue (26%)



- Red (3%)
- Yellow (60%)
- Blue (77%)



- Cyan (96%)
- Magenta (0%)
- Yellow (66%)
- Black (23%)




- Cyan (97%)
- Magenta (23%)
- Yellow (74%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 21.0372, 40.3710, 11.8379 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 21.0372, 40.3710, 11.8379 by changing the saturation by 10% instead.


 21.0372, 40.3710,
11.8379


 21.0372, 40.3710,
11.8379


250.2041,
347.6848, 214.2689


 13.2638, 27.8279,
6.5122


 44.6402, 75.7281,
29.8595

 7.6887, 18.1960,
3.0852

 61.2006, 99.3110,
43.3925


 3.9465, 11.0908,
1.1383


 81.4207, 127.3425,
60.4983

 1.6719, 6.1279,
0.0000

 105.6658,
160.2072, 81.5955

 0.4386, 2.9230,
0.0000

 134.3014,
198.2894, 107.1026

 0.0000, 1.0917,
0.0000

167.6927,

 0.0000, 0.0000,

241.9734, 137.4382

0.0000

206.2052,
291.6438, 173.0207

■ 21.0372, 40.3710,
11.8379

■ 21.0372, 40.3710,
11.8379

■ 20.8142, 40.2729,
11.1165

■ 21.8439, 40.7361,
14.2212

■ 23.0952, 41.3176,
17.1532

■ 24.8614, 42.1522,
20.6675

■ 27.1971, 43.2673,
24.7939

■ 30.1492, 44.6867,
29.5603

■ 33.7598, 46.4316,
34.9926

■ 38.0672, 48.5211,
41.1154

■ 43.1066, 50.9729,
47.9518

■ 48.9107, 53.8034,
55.5240

Harmonies

Analogous

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



29.2620, 40.3710, 4.4568



21.0372, 40.3710, 11.8379



17.6499, 40.3710, 34.2476

Triad

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



21.0372, 40.3710, 11.8379



34.8116, 40.3710, 170.1662



68.5657, 40.3710, 21.1866

Complementary

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



21.0372, 40.3710, 11.8379



27.6902, 13.8577, 25.2598

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.



71.0685, 40.3710, 55.3476



21.0372, 40.3710, 11.8379



49.1987, 40.3710, 158.5815

Square

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



21.0372, 40.3710, 11.8379



24.2628, 40.3710, 135.0846



63.2939, 40.3710, 109.1695



57.1021, 40.3710, 7.1601

Rectangle

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



21.0372, 40.3710, 11.8379



17.8449, 40.3710, 61.7555



63.2939, 40.3710, 109.1695



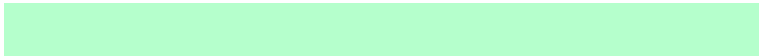
70.5779, 40.3710, 29.9563

Sweetspot

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



21.0382, 40.3727, 11.8388



65.7286, 85.7101, 70.2154



30.8210, 45.5251, 7.3638



13.3556, 17.9996, 14.0145



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.



21.0382, 40.3727, 11.8388



37.1782, 72.0873, 19.3879



26.3129, 42.4826, 39.6153



10.6309, 11.9412, 12.0063



13.7233, 26.5017, 7.4872



0.6827, 1.2680, 0.5280

Inverse Universe

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



27.6902, 13.8577, 25.2598



49.0578, 24.3871, 43.0981



23.5765, 12.2122, 3.5973



10.9375, 10.7584, 12.6539



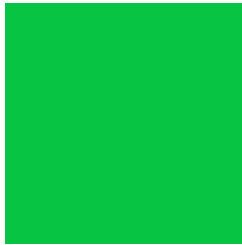
18.0989, 8.9891, 16.2624



0.8885, 0.4382, 0.9358

Previews

White Background



This preview shows how the XYZ color 21.0372, 40.3710, 11.8379 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 21.0372, 40.3710, 11.8379 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 21.0372, 40.3710, 11.8379

Background



This preview shows how black text looks on a background with the XYZ color 21.0372, 40.3710, 11.8379.



This preview shows how white text looks on a background with the XYZ color 21.0372, 40.3710,

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

21.0372, 40.3710, 11.8379

Protanopia

35.9380, 39.5002, 9.7332

Deuteranopia

40.4145, 39.5951, 12.7203



Tritanopia

30.7576, 40.1100, 60.1537

Trichromacy



Original Color

21.0372, 40.3710, 11.8379



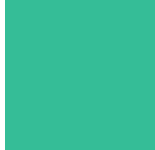
Protanomaly

25.1308, 36.7881, 10.1912



Deuteranomaly

26.5254, 36.0008, 12.0294



Tritanomaly

25.2517, 39.3864, 35.5496

Monochromacy



Original Color

21.0372, 40.3710, 11.8379



Achromatopsia

19.4927, 20.5079, 22.3331



Achromatomaly

17.0450, 24.9265, 17.0096

CSS Examples

Text

The CSS property to change the color of the text to XYZ 21.0372, 40.3710, 11.8379 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(7, 197, 66)` looks like.

```
.text, #text, p{  
    color:rgb(7, 197, 66)  
}
```

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(7, 197, 66) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(7, 197, 66) }
```

Border

The CSS property to change the border of an element to XYZ 21.0372, 40.3710, 11.8379 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(7, 197, 66) }
```


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

```
.border{ border-color:rgb(7, 197, 66) }
```

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

Here you see how a box with a 4 pixel `rgb(7, 197, 66)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(7, 197, 66); -webkit-box-  
shadow:4px 4px 4px 4px rgb(7, 197, 66);  
box-shadow:4px 4px 4px 4px rgb(7, 197, 66)  
}
```

Background

The CSS property to change the background color of an element to XYZ 21.0372, 40.3710, 11.8379 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(7, 197, 66) }
```

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

```
.background{ background-color: rgb(7, 197,  
66) }
```

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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