

Converting Colors

XYZ(21.9291, 40.9399, 6.9474)

Have a look what the booklet for
XYZ(21.9291, 40.9399, 6.9474)
contains.

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Color

**XYZ(21.9291, 40.9399,
6.9474)**

Conversions

Conversions Part 1

Format	Color
Hex	3DC507
RGB	61, 197, 7
RGB Percent	24%, 77%, 3%
CMY	0.7608, 0.2274, 0.9725
CMYK	0.69, 0.00, 0.96, 0.23
HSL	103°, 93%, 40%
HSV	103°, 96%, 77%
XYZ	21.9291, 40.9399, 6.9474
YIQ	134.6760, -20.0660, -87.9220

Conversions

Conversions Part 2

Format	Color
RYB	7, 197, 143
Decimal	4048135
CIELab	70.13, -64.60, 68.59
CIELCh	70, 94.221, 133.286
Yxy	40.9399, 0.3141, 0.5864
Android (android.graphics.Color)	4282238215 (0xFF3DC507)
YUV	134.6760, -62.9443, -64.6139
Hunter-Lab	63.9843, -50.7959, 38.3513

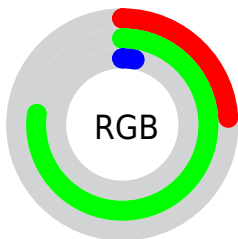
Details

The XYZ color **21.9291, 40.9399, 6.9474** is a dark color, and the websafe version is hex **33CC00**.

The color can be described as dark washed green. A complement of this color would be **21.4865, 10.0256, 53.6281**, and the grayscale version is **23.1420, 24.3472, 26.5141**.

A 20% lighter version of the original color is **46.1851, 76.7184, 20.3566**, and **9.6730, 19.3460, 3.2243** is the 20% darker color. If you saturate the color by 10%, you get **21.5965, 40.7741, 6.7319**, and if you desaturate by 10%, it is **23.0715, 41.5120, 7.8167**.

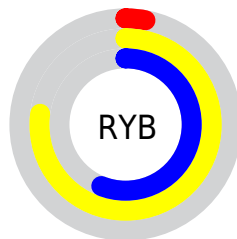
Distribution



Red (24%)

Green (77%)

Blue (3%)



Red (3%)

Yellow (77%)

Blue (56%)

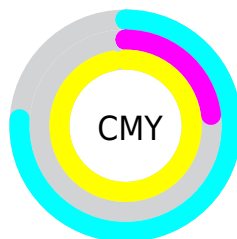


Cyan (69%)

Magenta (0%)

Yellow (96%)

Black (23%)



Cyan (76%)


Magenta (23%)


Yellow (97%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 21.9291, 40.9399, 6.9474 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 21.9291, 40.9399, 6.9474 by changing the saturation by 10% instead.


 21.9291, 40.9399,
6.9474


 21.9291, 40.9399,
6.9474


254.8151,
350.0694, 176.8402


 13.9211, 28.2721,
3.3513


 46.1085, 76.5927,
20.3784


 8.1472, 18.5309,
1.2767


 63.0107, 100.3464,
31.0503


 4.2419, 11.3318,
0.0426


 83.6082, 128.5643,
44.9179

 1.8399, 6.2905,
0.0000

 108.2666,
161.6307, 62.3998

 0.5415, 3.0225,
0.0000

 137.3511,
199.9300, 83.9144

 0.0000, 1.1435,
0.0000

 171.2272,

 0.0000, 0.0148,

243.8466, 109.8803

0.0000

210.2600,
293.7650, 140.7161

■ 0.0000, 0.0000,
0.0000

■ 21.9291, 40.9399,
6.9474

■ 21.9291, 40.9399,
6.9474

■ 21.5965, 40.7741,
6.7319

■ 23.0715, 41.5120,
7.8167

■ 24.6082, 42.2688,
9.4903

■ 26.5831, 43.2308,
12.1165

■ 29.0313, 44.4137,
15.8093

■ 31.9839, 45.8314,
20.6666

■ 35.4693, 47.4966,
26.7752

■ 39.5135, 49.4210,
34.2138

■ 44.1408, 51.6155,
43.0545

■ 49.3739, 54.0905,
53.3641

Harmonies

Analogous

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



32.4933, 40.9399, 2.4951



21.9291, 40.9399, 6.9474



16.8760, 40.9399, 24.3568

Triad

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



21.9291, 40.9399, 6.9474



30.9986, 40.9399, 185.2176



75.4526, 40.9399, 27.7831

Complementary

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



21.9291, 40.9399, 6.9474



21.4865, 10.0256, 53.6281

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.



74.7415, 40.9399, 73.7013



21.9291, 40.9399, 6.9474



46.1252, 40.9399, 188.6340

Square

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



21.9291, 40.9399, 6.9474



21.0851, 40.9399, 131.7253



62.9641, 40.9399, 139.2558



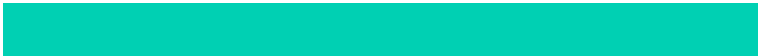
64.7073, 40.9399, 8.0396

Rectangle

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



21.9291, 40.9399, 6.9474



16.1961, 40.9399, 49.6186



62.9641, 40.9399, 139.2558



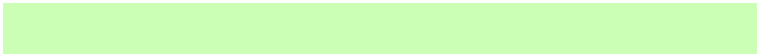
76.6158, 40.9399, 39.8882

Sweetspot

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



21.9300, 40.9416, 6.9483



68.4794, 87.4234, 57.0081



32.4447, 30.6449, 4.4067



13.9877, 18.3935, 10.9714



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.



21.9300, 40.9416, 6.9483



38.4664, 72.9152, 12.0467



20.5289, 40.1690, 9.1558



10.7758, 12.0314, 11.3171



14.2762, 26.8549, 4.4311



0.7488, 1.3091, 0.2132

Inverse Universe

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



21.4865, 10.0256, 53.6281



37.4708, 17.2318, 95.9589



29.3617, 14.5267, 34.0605



10.7781, 10.6594, 13.4069



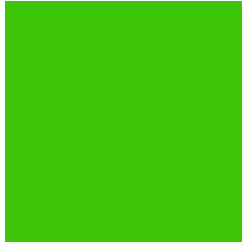
13.9421, 6.4217, 35.2490



0.7286, 0.3394, 1.6722

Previews

White Background



This preview shows how the XYZ color 21.9291, 40.9399, 6.9474 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 21.9291, 40.9399, 6.9474 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

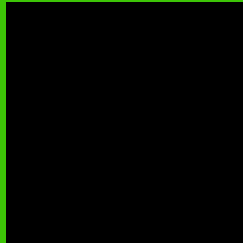
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 21.9291, 40.9399, 6.9474

Background



This preview shows how black text looks on a background with the XYZ color 21.9291, 40.9399, 6.9474.



This preview shows how white text looks on a background with the XYZ color 21.9291, 40.9399,

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

21.9291, 40.9399, 6.9474

Protanopia

36.1130, 39.9559, 5.8089

Deuteranopia

40.8943, 39.9530, 7.7468



Tritanopia

32.3821, 40.6535, 59.5663

Trichromacy



Original Color

21.9291, 40.9399, 6.9474



Protanomaly

27.8393, 38.5784, 6.0652



Deuteranomaly

29.4584, 37.6299, 6.8731



Tritanomaly

25.7834, 39.5299, 27.0400

Monochromacy



Original Color

21.9291, 40.9399, 6.9474



Achromatopsia

23.0288, 24.2281, 26.3844



Achromatomaly

20.1727, 28.3464, 13.6407

CSS Examples

Text

The CSS property to change the color of the text to XYZ 21.9291, 40.9399, 6.9474 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(61, 197, 7)` looks like.

```
.text, #text, p{  
    color:rgb(61, 197, 7)  
}
```

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(61, 197, 7) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(61, 197, 7) }
```

Border

The CSS property to change the border of an element to XYZ 21.9291, 40.9399, 6.9474 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(61, 197, 7) }
```


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

```
.border{ border-color:rgb(61, 197, 7) }
```

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

Here you see how a box with a 4 pixel rgb(61, 197, 7) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(61, 197, 7); -webkit-box-  
shadow:4px 4px 4px 4px rgb(61, 197, 7);  
box-shadow:4px 4px 4px 4px rgb(61, 197, 7)  
}
```

Background

The CSS property to change the background color of an element to XYZ 21.9291, 40.9399, 6.9474 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(61, 197, 7) }
```

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

```
.background{ background-color: rgb(61, 197,  
7) }
```

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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