

Converting Colors

XYZ(23.3984, 41.9781, 7.0466)

Have a look what the booklet for
XYZ(23.3984, 41.9781, 7.0466)
contains.

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Color

**XYZ(23.4514, 42.0636,
7.0554)**

Conversions

Conversions Part 1

Format	Color
Hex	4FC606
RGB	79, 198, 6
RGB Percent	31%, 78%, 2%
CMY	0.6902, 0.2235, 0.9764
CMYK	0.60, 0.00, 0.97, 0.22
HSL	97°, 94%, 40%
HSV	97°, 97%, 78%
XYZ	23.4514, 42.0636, 7.0554
YIQ	140.5310, -9.2920, -84.9400

Conversions

Conversions Part 2

Format	Color
RYB	6, 198, 125
Decimal	5228038
CIELab	70.91, -61.03, 69.52
CIELCh	71, 92.509, 131.278
Yxy	42.0636, 0.3232, 0.5796
Android (android.graphics.Color)	4283418118 (0xFF4FC606)
YUV	140.5310, -66.3238, -53.9627
Hunter-Lab	64.8565, -48.9551, 38.9497

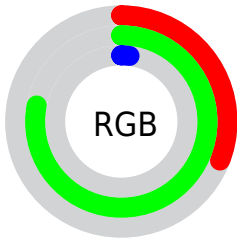
Details

The XYZ color **23.4514, 42.0636, 7.0554** is a dark color, and the websafe version is hex **66CC00**.

The color can be described as dark washed green. A complement of this color would be **18.7204, 8.5702, 54.0960**, and the grayscale version is **25.3895, 26.7118, 29.0891**.

A 20% lighter version of the original color is **48.4383, 77.8800, 20.4620**, and **9.8225, 19.6449, 3.2742** is the 20% darker color. If you saturate the color by 10%, you get **23.1174, 41.8965, 6.8684**, and if you desaturate by 10%, it is **24.7208, 42.7018, 7.9063**.

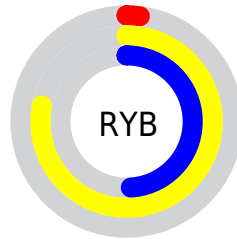
Distribution



Red (31%)

Green (78%)

Blue (2%)



Red (2%)

Yellow (78%)

Blue (49%)

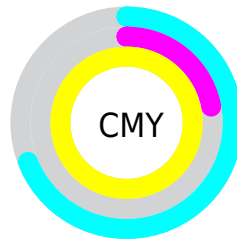


Cyan (60%)

Magenta (0%)

Yellow (97%)

Black (22%)



Cyan (69%)


Magenta (22%)


Yellow (98%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 23.4514, 42.0636, 7.0554 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 23.4514, 42.0636, 7.0554 by changing the saturation by 10% instead.


 23.4514, 42.0636,
7.0554


 23.4514, 42.0636,
7.0554


262.5273,
354.7465, 177.7716


 15.0497, 29.1511,
3.4178


 48.5947, 78.2959,
20.5993


 8.9408, 19.1952,
1.3117


 66.0670, 102.3844,
31.3428

 4.7594, 11.8114,
0.0714


 87.2935, 130.9671,
45.2919

 2.1401, 6.6154,
0.0000

 112.6397,
164.4284, 62.8652

 0.7109, 3.2227,
0.0000

 142.4708,
203.1525, 84.4813

 0.0000, 1.2491,
0.0000

 177.1522,

 0.0000, 0.1013,

247.5240, 110.5587

0.0000

217.0492,
297.9272, 141.5160

■ 0.0000, 0.0000,
0.0000

■ 23.4514, 42.0636,
7.0554

■ 23.4514, 42.0636,
7.0554

■ 23.1174, 41.8965,
6.8684

■ 24.7208, 42.7018,
7.9063

■ 26.3372, 43.5003,
9.5544

■ 28.3401, 44.4773,
12.1570

■ 30.7600, 45.6459,
15.8306

■ 33.6235, 47.0179,
20.6747

■ 36.9550, 48.6037,
26.7774

■ 40.7766, 50.4131,
34.2187

■ 45.1092, 52.4552,
43.0716

■ 49.9720, 54.7384,
53.4040

Harmonies

Analogous

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



34.4631, 42.0636, 2.8139



23.4514, 42.0636, 7.0554



17.9787, 42.0636, 23.6130

Triad

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



23.4514, 42.0636, 7.0554



31.2074, 42.0636, 182.2555



76.6270, 42.0636, 31.1335

Complementary

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



23.4514, 42.0636, 7.0554



18.7204, 8.5702, 54.0960

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.



75.1017, 42.0636, 78.7765



23.4514, 42.0636, 7.0554



46.0567, 42.0636, 189.5066

Square

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



23.4514, 42.0636, 7.0554



21.5974, 42.0636, 127.6416



62.8750, 42.0636, 143.6914



66.6239, 42.0636, 9.5379

Rectangle

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



23.4514, 42.0636, 7.0554



17.0786, 42.0636, 47.7184



62.8750, 42.0636, 143.6914



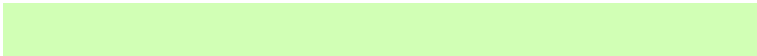
77.5014, 42.0636, 43.9340

Sweetspot

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



23.4524, 42.0654, 7.0563



70.4454, 88.4369, 57.1001



30.5820, 26.5381, 3.6835



14.4482, 18.6309, 10.9930



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.



23.4524, 42.0654, 7.0563



40.6824, 74.0576, 12.1504



20.4850, 40.5147, 7.8657



10.8722, 12.0810, 11.3216



15.1216, 27.2908, 4.4707



0.7963, 1.3336, 0.2154

Inverse Universe

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



18.7204, 8.5702, 54.0960



32.1641, 14.4961, 95.7105



31.1527, 15.2561, 42.1731



10.6774, 10.6075, 13.4022



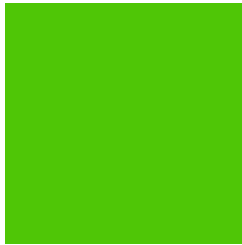
12.0140, 5.4277, 35.1588



0.6476, 0.2976, 1.6685

Previews

White Background



This preview shows how the XYZ color 23.4514, 42.0636, 7.0554 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 23.4514, 42.0636, 7.0554 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 23.4514, 42.0636, 7.0554

Background



This preview shows how black text looks on a background with the XYZ color 23.4514, 42.0636, 7.0554.



This preview shows how white text looks on a background with the XYZ color 23.4514, 42.0636,

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

23.4514, 42.0636, 7.0554

Protanopia

37.1917, 41.3565, 6.0224

Deuteranopia

42.1304, 41.1133, 7.9056



Tritanopia

34.0048, 41.7840, 60.3057

Trichromacy



Original Color

23.4514, 42.0636, 7.0554



Protanomaly

29.6878, 40.1357, 6.2397



Deuteranomaly

31.6835, 39.3549, 7.0888



Tritanomaly

27.3056, 40.6328, 27.1726

Monochromacy



Original Color

23.4514, 42.0636, 7.0554



Achromatopsia

25.3171, 26.6356, 29.0061



Achromatomaly

22.3233, 30.4649, 14.8290

CSS Examples

Text

The CSS property to change the color of the text to XYZ 23.4514, 42.0636, 7.0554 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(79, 198, 6)` looks like.

```
.text, #text, p{  
    color:rgb(79, 198, 6)  
}
```

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(79, 198, 6) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(79, 198, 6) }
```

Border

The CSS property to change the border of an element to XYZ 23.4514, 42.0636, 7.0554 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(79, 198, 6) }
```


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

```
.border{ border-color:rgb(79, 198, 6) }
```

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

Here you see how a box with a 4 pixel `rgb(79, 198, 6)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(79, 198, 6); -webkit-box-  
shadow:4px 4px 4px 4px rgb(79, 198, 6);  
box-shadow:4px 4px 4px 4px rgb(79, 198, 6)  
}
```

Background

The CSS property to change the background color of an element to XYZ 23.4514, 42.0636, 7.0554 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(79, 198, 6) }
```

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

```
.background{ background-color: rgb(79, 198,  
6) }
```

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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