

Converting Colors

XYZ(40.2447, 53.7385, 14.2127)

Have a look what the booklet for
XYZ(40.2447, 53.7385, 14.2127)
contains.

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Color

**XYZ(40.2447, 53.7385,
14.2127)**

Conversions

Conversions Part 1

Format	Color
Hex	ABCF47
RGB	171, 207, 71
RGB Percent	67%, 81%, 28%
CMY	0.3294, 0.1882, 0.7216
CMYK	0.17, 0.00, 0.66, 0.19
HSL	76°, 59%, 55%
HSV	76°, 66%, 81%
XYZ	40.2447, 53.7385, 14.2127
YIQ	180.7320, 22.2000, -49.9280

Conversions

Conversions Part 2

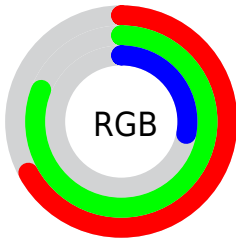
Format	Color
RYB	71, 207, 107
Decimal	11259719
CIELab	78.31, -31.05, 61.15
CIELCh	78, 68.578, 116.919
Yxy	53.7385, 0.3720, 0.4967
Android (android.graphics.Color)	4289449799 (0xFFABCF47)
YUV	180.7320, -54.0979, -8.5350
Hunter-Lab	73.3065, -30.2914, 39.8194

Details

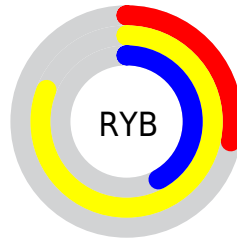
The XYZ color **40.2447, 53.7385, 14.2127** is a dark color, and the websafe version is hex **99CC33**. The color can be described as middle muted chartreuse. A complement of this color would be **19.5812, 12.1387, 60.3456**, and the grayscale version is **44.0520, 46.3461, 50.4709**.

A 20% lighter version of the original color is **71.8390, 89.6844, 33.2632**, and **18.4615, 26.4273, 4.1280** is the 20% darker color. If you saturate the color by 10%, you get **38.5216, 52.9161, 11.2356**, and if you desaturate by 10%, it is **42.2461, 54.6818, 18.3858**.

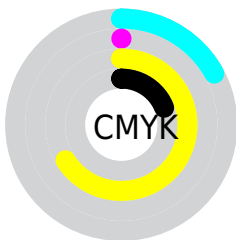
Distribution



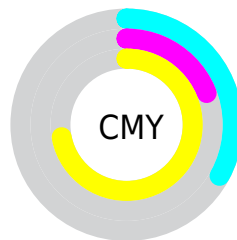
- Red (67%)
- Green (81%)
- Blue (28%)



- Red (28%)
- Yellow (81%)
- Blue (42%)



- Cyan (17%)
- Magenta (0%)
- Yellow (66%)
- Black (19%)



- Cyan (33%)
- Magenta (19%)
- Yellow (72%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 40.2447, 53.7385, 14.2127 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 40.2447, 53.7385, 14.2127 by changing the saturation by 10% instead.

40.2447, 53.7385,
14.2127

40.2447, 53.7385,
14.2127

338.2706,
401.1120, 230.0243

27.9144, 38.3926,
8.1283

74.8180, 95.6902,
34.1885

18.4013, 26.2876,
4.0882

97.7917, 123.0648,
48.9170

11.3399, 17.0389,
1.6739

125.0439,
155.2178, 67.3639

6.3649, 10.2622,
0.3427

156.9401,
192.5335, 89.9479

3.1110, 5.5732,
0.0000

193.8455,
235.3964, 117.0873

1.2127, 2.5873,
0.0000

236.1254,

0.1164, 0.9203,

284.1909, 149.2009

0.0000

284.1454,
339.3013, 186.7070

■ 0.0000, 0.0000,
0.0000

■ 40.2447, 53.7385,
14.2127

■ 40.2447, 53.7385,
14.2127

■ 38.5216, 52.9161,
11.2356

■ 42.2461, 54.6818,
18.3858

■ 37.0483, 52.1974,
9.3244

■ 44.5433, 55.7472,
23.8605

■ 35.7957, 51.5725,
8.3235

■ 47.1565, 56.9449,
30.7348

■ 35.3006, 51.3229,
8.0458

■ 50.1028, 58.2818,
39.0962

■ 53.3982, 59.7642,
49.0253

■ 57.0572, 61.3982,
60.5966

■ 61.0938, 63.1893,
73.8802

■ 65.5210, 65.1428,
88.9417

■ 69.9770, 67.1141,
103.8739

Harmonies

Analogous

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



52.4789, 53.7385, 11.3488



40.2447, 53.7385, 14.2127



32.3343, 53.7385, 26.6913

Triad

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



40.2447, 53.7385, 14.2127



38.2264, 53.7385, 145.0488



81.4825, 53.7385, 62.5822

Complementary

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



40.2447, 53.7385, 14.2127



19.5812, 12.1387, 60.3456

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.



75.9429, 53.7385, 108.9379



40.2447, 53.7385, 14.2127



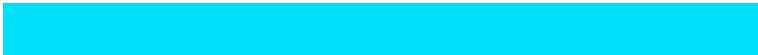
49.7000, 53.7385, 167.9434

Square

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



40.2447, 53.7385, 14.2127



31.3207, 53.7385, 98.8364



63.6967, 53.7385, 152.4602



77.7673, 53.7385, 30.9874

Rectangle

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



40.2447, 53.7385, 14.2127



29.8082, 53.7385, 43.3046



63.6967, 53.7385, 152.4602



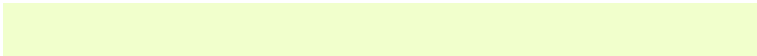
80.6207, 53.7385, 76.9185

Sweetspot

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



40.2460, 53.7409, 14.2138



83.1049, 94.6682, 71.0194



31.9230, 23.8252, 8.8782



17.4697, 20.1196, 14.2476



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.



40.2460, 53.7409, 14.2138



60.6824, 84.2923, 16.5066



29.2777, 48.0866, 13.7005



12.4853, 13.6336, 12.5855



22.3332, 32.3821, 5.0733



1.3214, 1.8481, 0.2871

Inverse Universe

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



19.5812, 12.1387, 60.3456



25.3977, 12.9352, 95.7659



30.7513, 17.8971, 60.8684



11.4531, 11.5669, 14.8726



8.1587, 3.3862, 37.4161



0.5322, 0.2285, 2.0956

Previews

White Background



This preview shows how the XYZ color 40.2447, 53.7385, 14.2127 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 40.2447, 53.7385, 14.2127 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 40.2447, 53.7385, 14.2127

Background



This preview shows how black text looks on a background with the XYZ color 40.2447, 53.7385, 14.2127.



This preview shows how white text looks on a background with the XYZ color 40.2447, 53.7385,

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

40.2447, 53.7385, 14.2127

Protanopia

48.6238, 53.5878, 13.0909

Deuteranopia

54.4870, 53.3708, 14.8269



Tritanopia

51.0501, 53.6261, 67.9818

Trichromacy



Original Color

40.2447, 53.7385, 14.2127

Protanomaly

45.2862, 53.5436, 13.4169

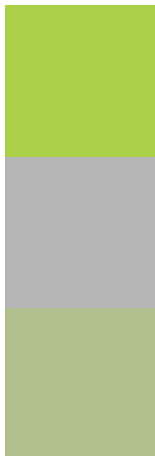
Deuteranomaly

48.1785, 52.6681, 14.4642

Tritanomaly

45.7375, 53.1738, 40.6538

Monochromacy



Original Color

40.2447, 53.7385, 14.2127

Achromatopsia

43.9204, 46.2077, 50.3202

Achromatomaly

41.3526, 48.0971, 32.3035

CSS Examples

Text

The CSS property to change the color of the text to XYZ 40.2447, 53.7385, 14.2127 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(171, 207, 71)` looks like.

```
.text, #text, p{  
    color:rgb(171, 207, 71)  
}
```

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(171, 207, 71) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(171, 207, 71) }
```

Border

The CSS property to change the border of an element to XYZ 40.2447, 53.7385, 14.2127 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(171, 207, 71) }
```


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

```
.border{ border-color:rgb(171, 207, 71) }
```

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

Here you see how a box with a 4 pixel `rgb(171, 207, 71)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(171, 207, 71); -webkit-box-  
shadow:4px 4px 4px 4px rgb(171, 207, 71);  
box-shadow:4px 4px 4px 4px rgb(171, 207,  
71) }
```

Background

The CSS property to change the background color of an element to XYZ 40.2447, 53.7385, 14.2127 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(171, 207, 71) }
```

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

```
.background{ background-color: rgb(171,  
207, 71) }
```

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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