

Converting Colors

XYZ(11.9427, 14.3990, 3.7399)

Have a look what the booklet for
XYZ(11.9427, 14.3990, 3.7399)
contains.

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Color

**XYZ(11.9427, 14.3990,
3.7399)**

Conversions

Conversions Part 1

Format	Color
Hex	6B6E23
RGB	107, 110, 35
RGB Percent	42%, 43%, 14%
CMY	0.5804, 0.5686, 0.8627
CMYK	0.03, 0.00, 0.68, 0.57
HSL	62°, 52%, 28%
HSV	62°, 68%, 43%
XYZ	11.9427, 14.3990, 3.7399
YIQ	100.5530, 22.2870, -23.9610

Conversions

Conversions Part 2

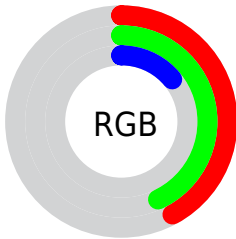
Format	Color
R_{YB}	35, 110, 38
Decimal	7040547
CIE _{Lab}	44.80, -11.64, 39.81
CIE _{LCh}	45, 41.480, 106.290
Yxy	14.3990, 0.3970, 0.4787
Android (android.graphics.Color)	4285230627 (0xFF6B6E23)
YUV	100.5530, -32.3176, 5.6540
Hunter-Lab	37.9460, -10.2265, 20.7187

Details

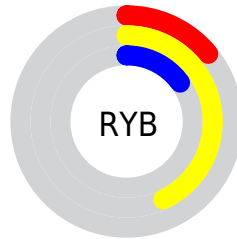
The XYZ color **11.9427, 14.3990, 3.7399** is a dark color, and the websafe version is hex **666600**. A complement of this color would be **4.2152, 2.7402, 15.0595**, and the grayscale version is **12.3313, 12.9735, 14.1281**.

A 20% lighter version of the original color is **28.8423, 33.6034, 13.3535**, and **3.4648, 4.4249, 0.6715** is the 20% darker color. If you saturate the color by 10%, you get **11.7517, 14.3170, 3.0083**, and if you desaturate by 10%, it is **12.1859, 14.5030, 4.7421**.

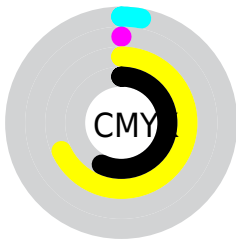
Distribution



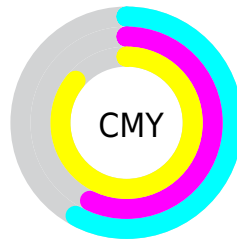
- Red (42%)
- Green (43%)
- Blue (14%)



- Red (14%)
- Yellow (43%)
- Blue (15%)



- Cyan (3%)
- Magenta (0%)
- Yellow (68%)
- Black (57%)



- Cyan (58%)
- Magenta (57%)
- Yellow (86%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 11.9427, 14.3990, 3.7399 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 11.9427, 14.3990, 3.7399 by changing the saturation by 10% instead.

■ 11.9427, 14.3990,
3.7399

■ 11.9427, 14.3990,
3.7399

197.8032,
219.6991, 145.2889

■ 6.7766, 8.3987,
1.4838

■ 29.0085, 33.7953,
13.4053

■ 3.3679, 4.3511,
0.2058

■ 41.6388, 47.9602,
21.6517

■ 1.3511, 1.8718,
0.0000

■ 57.4880, 65.6153,
32.7318

■ 0.2210, 0.5314,
0.0000

■ 76.9213, 87.1451,
47.0644

■ 0.0000, 0.0000,
0.0000

■ 100.3041,
112.9340, 65.0678

■ 128.0018,

143.3663, 87.1607

160.3798,
178.8266, 113.7616

11.9427, 14.3990,
3.7399

11.9427, 14.3990,
3.7399

11.7517, 14.3170,
3.0083

12.1859, 14.5030,
4.7421

11.6069, 14.2530,
2.5202

12.4847, 14.6286,
6.0368

11.4929, 14.2014,
2.1929

12.8432, 14.7782,
7.6449

11.4725, 14.1921,
2.1347

13.2651, 14.9532,
9.5848

13.7534, 15.1548,
11.8739

■ 14.3114, 15.3843,
14.5280

■ 14.9419, 15.6428,
17.5622

■ 15.6474, 15.9314,
20.9906

■ 16.4307, 16.2511,
24.8267

Harmonies

Analogous

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



15.2845, 14.3990, 3.6571



11.9427, 14.3990, 3.7399



9.5053, 14.3990, 6.0134

Triad

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



11.9427, 14.3990, 3.7399



9.6685, 14.3990, 33.3462



21.0198, 14.3990, 20.5157

Complementary

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



11.9427, 14.3990, 3.7399



4.2152, 2.7402, 15.0595

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.



18.9412, 14.3990, 32.3757



11.9427, 14.3990, 3.7399



12.2027, 14.3990, 41.6007

Square

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



11.9427, 14.3990, 3.7399



8.3478, 14.3990, 21.4995



15.5908, 14.3990, 41.1863



20.9191, 14.3990, 11.0156

Rectangle

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



11.9427, 14.3990, 3.7399



8.5564, 14.3990, 9.3219



15.5908, 14.3990, 41.1863



20.5398, 14.3990, 24.4157

Sweetspot

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



11.9430, 14.3997, 3.7402



23.9399, 26.5257, 19.8495



7.4115, 4.7911, 2.1244



5.5284, 6.1552, 4.4193



54.2243, 57.0482, 62.1254



6.0569, 6.3724, 6.9395

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



11.9430, 14.3997, 3.7402



20.4752, 25.0709, 4.7200



8.4056, 12.5761, 3.5746



3.6293, 3.9098, 3.6367



13.7754, 17.0452, 2.5640



68.4418, 84.8171, 12.7641

Inverse Universe

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



4.2152, 2.7402, 15.0595



5.8526, 2.9848, 26.1749



6.3176, 3.8240, 15.1579



3.2288, 3.3063, 4.2222



3.4411, 1.3834, 17.8073



16.9666, 6.8009, 88.6976

Previews

White Background



This preview shows how the XYZ color 11.9427, 14.3990, 3.7399 looks on a white 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 × Fail

Black Background



This preview shows how the XYZ color 11.9427, 14.3990, 3.7399 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 11.9427, 14.3990, 3.7399

Background



This preview shows how black text looks on a background with the XYZ color 11.9427, 14.3990, 3.7399.



This preview shows how white text looks on a background with the XYZ color 11.9427, 14.3990,

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

11.9427, 14.3990, 3.7399

Protanopia

13.0505, 14.3455, 3.5945

Deuteranopia

14.5193, 14.3528, 3.8388



Tritanopia

14.6589, 14.4256, 17.0507

Trichromacy



Original Color

11.9427, 14.3990, 3.7399

Protanomaly

12.6167, 14.2757, 3.6039

Deuteranomaly

13.4526, 14.2452, 3.7908

Tritanomaly

13.2709, 14.3121, 10.2467

Monochromacy



Original Color

11.9427, 14.3990, 3.7399

Achromatopsia

12.3695, 13.0136, 14.1719

Achromatomaly

11.8834, 13.3200, 8.9659

CSS Examples

Text

The CSS property to change the color of the text to XYZ 11.9427, 14.3990, 3.7399 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(107, 110, 35)` looks like.

```
.text, #text, p{  
    color:rgb(107, 110, 35)  
}
```

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(107, 110, 35) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(107, 110, 35) }
```

Border

The CSS property to change the border of an element to XYZ 11.9427, 14.3990, 3.7399 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(107, 110, 35) }
```


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

```
.border{ border-color:rgb(107, 110, 35) }
```

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

Here you see how a box with a 4 pixel `rgb(107, 110, 35)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(107, 110, 35); -webkit-box-  
shadow:4px 4px 4px 4px rgb(107, 110, 35);  
box-shadow:4px 4px 4px 4px rgb(107, 110,  
35) }
```

Background

The CSS property to change the background color of an element to XYZ 11.9427, 14.3990, 3.7399 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(107, 110, 35) }
```

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

```
.background{ background-color: rgb(107,  
110, 35) }
```

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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