

Converting Colors

XYZ(14.3790, 23.5937, 4.2117)

Have a look what the booklet for
XYZ(14.3790, 23.5937, 4.2117)
contains.

XYZ(14.3790, 23.5937, 4.2117)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(14.3790, 23.5937,
4.2117)**

Conversions

Conversions Part 1

Format	Color
Hex	51960E
RGB	81, 150, 14
RGB Percent	32%, 59%, 5%
CMY	0.6824, 0.4118, 0.9451
CMYK	0.46, 0.00, 0.91, 0.41
HSL	90°, 83%, 32%
HSV	90°, 91%, 59%
XYZ	14.3790, 23.5937, 4.2117
YIQ	113.8650, 2.5320, -56.9240

Conversions

Conversions Part 2

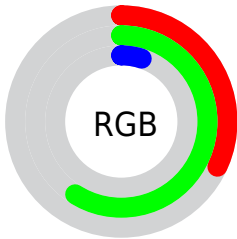
Format	Color
RYB	14, 150, 83
Decimal	5346830
CIELab	55.68, -42.54, 55.95
CIELCh	56, 70.282, 127.249
Yxy	23.5937, 0.3409, 0.5593
Android (android.graphics.Color)	4283536910 (0xFF51960E)
YUV	113.8650, -49.2334, -28.8226
Hunter-Lab	48.5733, -32.1626, 28.8604

Details

The XYZ color **14.3790, 23.5937, 4.2117** is a dark color, and the websafe version is hex **669900**. A complement of this color would be **9.2309, 4.3561, 29.2097**, and the grayscale version is **16.0971, 16.9354, 18.4426**.

A 20% lighter version of the original color is **33.4178, 49.4890, 14.4476**, and **4.6362, 8.8738, 1.4685** is the 20% darker color. If you saturate the color by 10%, you get **13.7225, 23.2652, 3.7674**, and if you desaturate by 10%, it is **15.2114, 24.0071, 4.9952**.

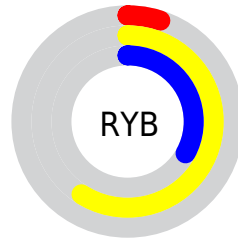
Distribution



Red (32%)

Green (59%)

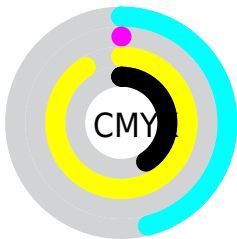
Blue (5%)



Red (5%)

Yellow (59%)

Blue (33%)

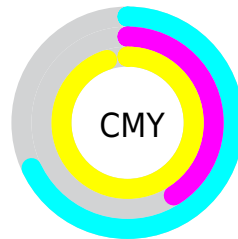


Cyan (46%)

Magenta (0%)

Yellow (91%)

Black (41%)



Cyan (68%)

Magenta (41%)

Yellow (95%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 14.3790, 23.5937, 4.2117 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 14.3790, 23.5937, 4.2117 by changing the saturation by 10% instead.

■ 14.3790, 23.5937,
4.2117

■ 14.3790, 23.5937,
4.2117

213.0398,
270.7599, 150.5501

■ 8.4682, 15.0325,
1.7422

■ 33.3407, 49.3664,
14.4951

■ 4.4503, 8.8422,
0.3894

■ 47.1223, 67.3466,
23.1461

■ 1.9599, 4.6384,
0.0000

■ 64.2582, 89.2353,
34.6947

■ 0.6113, 2.0367,
0.0000

■ 85.1138, 115.4169,
49.5594


■ 0.0000, 0.6287,
0.0000


■ 110.0543,
146.2758, 68.1587


■ 0.0000, 0.0000,
0.0000


■ 139.4453,


182.1963, 90.9113


 173.6520,
223.5629, 118.2356


 14.3790, 23.5937,
4.2117


 14.3790, 23.5937,
4.2117


 13.7225, 23.2652,
3.7674

 15.2114, 24.0071,
4.9952

 16.2090, 24.4945,
6.2576

 17.3862, 25.0627,
8.0605

 18.7550, 25.7167,
10.4561

 20.3260, 26.4610,
13.4902

■ 22.1091, 27.2999,
17.2043

■ 24.1134, 28.2371,
21.6363

■ 26.3473, 29.2763,
26.8214

■ 28.8188, 30.4208,
32.7924

Harmonies

Analogous

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



20.5490, 23.5937, 2.1270



14.3790, 23.5937, 4.2117



11.0657, 23.5937, 12.1942

Triad

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



14.3790, 23.5937, 4.2117



17.0121, 23.5937, 91.0108



41.2900, 23.5937, 20.5466

Complementary

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



14.3790, 23.5937, 4.2117



9.2309, 4.3561, 29.2097

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.



39.7056, 23.5937, 46.6404



14.3790, 23.5937, 4.2117



24.4121, 23.5937, 98.3085

Square

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



14.3790, 23.5937, 4.2117



12.3159, 23.5937, 62.3973



33.0220, 23.5937, 78.7543



36.9460, 23.5937, 7.2449

Rectangle

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



14.3790, 23.5937, 4.2117



10.3493, 23.5937, 23.6427



33.0220, 23.5937, 78.7543



41.4474, 23.5937, 27.8512

Sweetspot

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



14.3795, 23.5947, 4.2122



40.0795, 48.6746, 32.6673



15.6754, 12.5517, 2.0124



8.6533, 10.6797, 6.7429



71.1368, 74.8414, 81.5023



11.3376, 11.9280, 12.9896

Same Dimension

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



14.3795, 23.5947, 4.2122



24.0152, 40.9525, 6.6389



11.1674, 21.9388, 4.0619



5.9853, 6.6003, 6.1990



11.4176, 19.3139, 3.1262



0.1736, 0.2538, 0.0398

Inverse Universe

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



9.2309, 4.3561, 29.2097



14.7883, 6.5014, 51.3967



18.2407, 9.0008, 29.6313



5.7632, 5.7689, 7.2795



7.0821, 3.1235, 24.1607



0.1207, 0.0558, 0.2973

Previews

White Background



This preview shows how the XYZ color 14.3790, 23.5937, 4.2117 looks on a white 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

Black Background



This preview shows how the XYZ color 14.3790, 23.5937, 4.2117 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 × Fail

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

XYZ 14.3790, 23.5937, 4.2117

Background



This preview shows how black text looks on a background with the XYZ color 14.3790, 23.5937, 4.2117.



This preview shows how white text looks on a background with the XYZ color 14.3790, 23.5937,

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

14.3790, 23.5937, 4.2117

Protanopia

20.9816, 23.2657, 3.4710

Deuteranopia

23.6717, 23.2470, 4.6783



Tritanopia

20.0741, 23.4089, 32.7385

Trichromacy



Original Color

14.3790, 23.5937, 4.2117

Protanomaly

17.7284, 22.8406, 3.6753

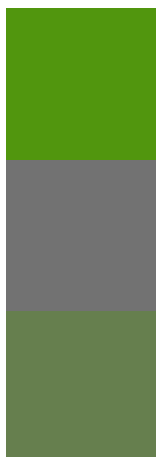
Deuteranomaly

19.0038, 22.6368, 4.3450

Tritanomaly

16.6856, 22.9117, 15.8549

Monochromacy



Original Color

14.3790, 23.5937, 4.2117

Achromatopsia

15.9940, 16.8269, 18.3245

Achromatomaly

14.4440, 18.5536, 10.0276

CSS Examples

Text

The CSS property to change the color of the text to XYZ 14.3790, 23.5937, 4.2117 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(81, 150, 14)` looks like.

```
.text, #text, p{  
    color:rgb(81, 150, 14)  
}
```

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(81, 150, 14) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(81, 150, 14) }
```

Border

The CSS property to change the border of an element to XYZ 14.3790, 23.5937, 4.2117 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(81, 150, 14) }
```


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

```
.border{ border-color:rgb(81, 150, 14) }
```

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

Here you see how a box with a 4 pixel rgb(81, 150, 14) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(81, 150, 14); -webkit-box-  
shadow:4px 4px 4px 4px rgb(81, 150, 14);  
box-shadow:4px 4px 4px 4px rgb(81, 150,  
14) }
```

Background

The CSS property to change the background color of an element to XYZ 14.3790, 23.5937, 4.2117 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(81, 150, 14) }
```

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

```
.background{ background-color: rgb(81, 150,  
14) }
```

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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