

Converting Colors

XYZ(14.1114, 23.1940, 5.3233)

Have a look what the booklet for
XYZ(14.1114, 23.1940, 5.3233)
contains.

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Color

**XYZ(14.1114, 23.1940,
5.3233)**

Conversions

Conversions Part 1

Format	Color
Hex	4D9523
RGB	77, 149, 35
RGB Percent	30%, 58%, 14%
CMY	0.6980, 0.4157, 0.8627
CMYK	0.48, 0.00, 0.77, 0.42
HSL	98°, 62%, 36%
HSV	98°, 77%, 58%
XYZ	14.1114, 23.1940, 5.3233
YIQ	114.4760, -6.3180, -50.7180

Conversions

Conversions Part 2

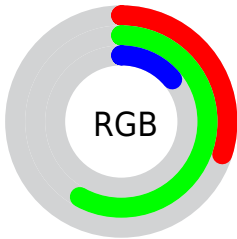
Format	Color
RYB	35, 149, 107
Decimal	5084451
CIELab	55.27, -42.45, 49.75
CIELCh	55, 65.399, 130.471
Yxy	23.1940, 0.3310, 0.5441
Android (android.graphics.Color)	4283274531 (0xFF4D9523)
YUV	114.4760, -39.1817, -32.8665
Hunter-Lab	48.1601, -31.9780, 27.1586

Details

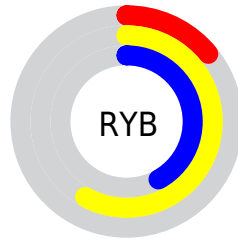
The XYZ color **14.1114, 23.1940, 5.3233** is a dark color, and the websafe version is hex **669933**. A complement of this color would be **12.0906, 6.4987, 29.0521**, and the grayscale version is **16.2538, 17.1002, 18.6222**.

A 20% lighter version of the original color is **32.8700, 48.7958, 16.9186**, and **4.4263, 8.6276, 1.4320** is the 20% darker color. If you saturate the color by 10%, you get **13.2304, 22.7609, 4.3627**, and if you desaturate by 10%, it is **15.1973, 23.7233, 6.7850**.

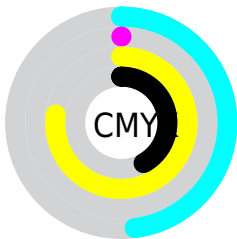
Distribution



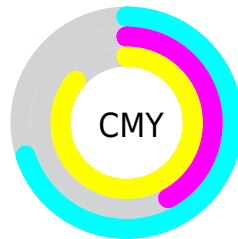
- Red (30%)
- Green (58%)
- Blue (14%)



- Red (14%)
- Yellow (58%)
- Blue (42%)



- Cyan (48%)
- Magenta (0%)
- Yellow (77%)
- Black (42%)





- Cyan (70%)
- Magenta (42%)
- Yellow (86%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 14.1114, 23.1940, 5.3233 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 14.1114, 23.1940, 5.3233 by changing the saturation by 10% instead.


 14.1114, 23.1940,
5.3233


 14.1114, 23.1940,
5.3233


211.4195,
268.7199, 161.9606


 8.2804, 14.7368,
2.3761


 32.8712, 48.7117,
16.9620


 4.3282, 8.6349,
0.7734


 46.5307, 66.5410,
26.4907


 1.8894, 4.5038,
0.0000

 63.5304, 88.2631,
39.0502

 0.5707, 1.9592,
0.0000

 84.2356, 114.2624,
55.0592

 0.0000, 0.5836,
0.0000

 109.0118,
144.9234, 74.9362

 0.0000, 0.0000,
0.0000

 138.2243,

180.6303, 99.0998

172.2384,
221.7677, 127.9684

■ 14.1114, 23.1940,
5.3233

■ 14.1114, 23.1940,
5.3233

■ 13.2304, 22.7609,
4.3627

■ 15.1973, 23.7233,
6.7850

■ 12.5317, 22.4121,
3.8149

■ 16.5017, 24.3524,
8.8023

■ 12.3175, 22.3050,
3.6561

■ 18.0383, 25.0881,
11.4244

■ 19.8193, 25.9357,
14.6944

■ 21.8559, 26.9002,
18.6517

■ 24.1587, 27.9861,
23.3325

■ 26.7373, 29.1977,
28.7705

■ 29.6012, 30.5393,
34.9970

■ 32.7592, 32.0146,
42.0420

Harmonies

Analogous

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



19.5841, 23.1940, 2.7350



14.1114, 23.1940, 5.3233



11.2602, 23.1940, 14.0315

Triad

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



14.1114, 23.1940, 5.3233



17.6658, 23.1940, 85.5050



38.9903, 23.1940, 18.6120

Complementary

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



14.1114, 23.1940, 5.3233



12.0906, 6.4987, 29.0521

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.



38.1548, 23.1940, 41.2730



14.1114, 23.1940, 5.3233



24.7043, 23.1940, 89.2749

Square

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



14.1114, 23.1940, 5.3233



12.9757, 23.1940, 61.5075



32.5044, 23.1940, 70.0229



34.5838, 23.1940, 7.0825

Rectangle

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



14.1114, 23.1940, 5.3233



10.7509, 23.1940, 25.5876



32.5044, 23.1940, 70.0229



39.3335, 23.1940, 24.9240

Sweetspot

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



14.1119, 23.1950, 5.3238



40.3420, 48.7406, 35.8101



17.7810, 16.6764, 3.8722



8.6519, 10.6654, 7.3586



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.



14.1119, 23.1950, 5.3238



22.7464, 40.2881, 7.0485



11.9810, 22.0692, 6.4577



5.9194, 6.5663, 6.1959



10.3970, 18.7877, 3.0784



0.1577, 0.2457, 0.0391

Inverse Universe

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



12.0906, 6.4987, 29.0521



18.8131, 8.8405, 51.6361



17.4190, 9.3613, 24.0710



5.8303, 5.8035, 7.2826



8.4937, 3.8513, 24.2267



0.1365, 0.0639, 0.2980

Previews

White Background



This preview shows how the XYZ color 14.1114, 23.1940, 5.3233 looks on a white background.

Color Contrast Check

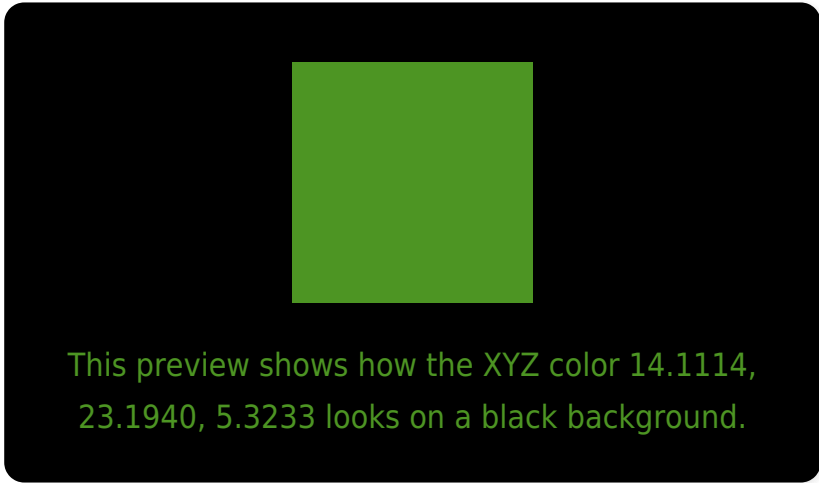
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



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 14.1114, 23.1940, 5.3233

Background



This preview shows how black text looks on a background with the XYZ color 14.1114, 23.1940, 5.3233.



This preview shows how white text looks on a background with the XYZ color 14.1114, 23.1940,

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

14.1114, 23.1940, 5.3233

Protanopia

20.7113, 22.8974, 4.6244

Deuteranopia

23.1171, 22.7492, 5.6553



Tritanopia

19.5615, 23.1540, 32.2923

Trichromacy



Original Color

14.1114, 23.1940, 5.3233

Protanomaly

17.3752, 22.4188, 4.7780

Deuteranomaly

18.4411, 22.1158, 5.3947

Tritanomaly

16.6491, 22.8515, 17.7206

Monochromacy



Original Color

14.1114, 23.1940, 5.3233

Achromatopsia

15.9940, 16.8269, 18.3245

Achromatomaly

14.5959, 18.6013, 11.4155

CSS Examples

Text

The CSS property to change the color of the text to XYZ 14.1114, 23.1940, 5.3233 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(77, 149, 35)` looks like.

```
.text, #text, p{  
    color:rgb(77, 149, 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(77, 149, 35) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(77, 149, 35) }
```

Border

The CSS property to change the border of an element to XYZ 14.1114, 23.1940, 5.3233 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(77, 149, 35) }
```


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

```
.border{ border-color:rgb(77, 149, 35) }
```

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

Here you see how a box with a 4 pixel rgb(77, 149, 35) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(77, 149, 35); -webkit-box-  
shadow:4px 4px 4px 4px rgb(77, 149, 35);  
box-shadow:4px 4px 4px 4px rgb(77, 149,  
35) }
```

Background

The CSS property to change the background color of an element to XYZ 14.1114, 23.1940, 5.3233 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(77, 149, 35) }
```

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

```
.background{ background-color: rgb(77, 149,  
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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