

Converting Colors

XYZ(14.4673, 24.6245, 11.8936)

Have a look what the booklet for
XYZ(14.4673, 24.6245, 11.8936)
contains.

XYZ(14.5110, 24.7049, 11.9864)	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(14.5110, 24.7049,
11.9864)**

Conversions

Conversions Part 1

Format	Color
Hex	319B52
RGB	49, 155, 82
RGB Percent	19%, 61%, 32%
CMY	0.8078, 0.3921, 0.6784
CMYK	0.68, 0.00, 0.47, 0.39
HSL	139°, 52%, 40%
HSV	139°, 68%, 61%
XYZ	14.5110, 24.7049, 11.9864
YIQ	114.9840, -39.7430, -45.1750

Conversions

Conversions Part 2

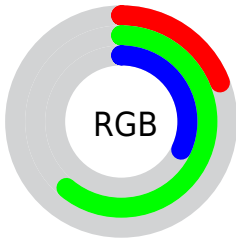
Format	Color
R_{YB}	49, 130, 155
Decimal	3251026
CIE _{Lab}	56.79, -46.50, 29.64
CIE _{LCh}	57, 55.147, 147.486
Yxy	24.7049, 0.2834, 0.4825
Android (android.graphics.Color)	4281441106 (0xFF319B52)
YUV	114.9840, -16.2611, -57.8680
Hunter-Lab	49.7040, -34.8693, 20.4947

Details

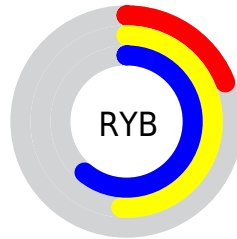
The XYZ color **14.5110, 24.7049, 11.9864** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **18.1295, 10.5708, 19.4980**, and the grayscale version is **16.3478, 17.1992, 18.7299**.

A 20% lighter version of the original color is **33.4646, 50.9748, 30.2657**, and **5.1536, 9.8218, 3.2143** is the 20% darker color. If you saturate the color by 10%, you get **13.5131, 24.2345, 9.9820**, and if you desaturate by 10%, it is **15.8305, 25.3352, 14.3369**.

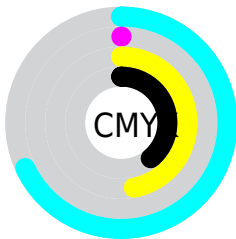
Distribution



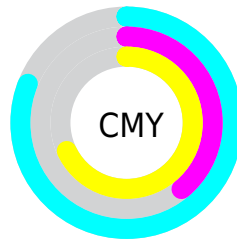
- Red (19%)
- Green (61%)
- Blue (32%)



- Red (19%)
- Yellow (51%)
- Blue (61%)



- Cyan (68%)
- Magenta (0%)
- Yellow (47%)
- Black (39%)



- Cyan (81%)
- Magenta (39%)
- Yellow (68%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 14.5110, 24.7049, 11.9864 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 14.5110, 24.7049, 11.9864 by changing the saturation by 10% instead.

■ 14.5110, 24.7049,
11.9864

■ 14.5110, 24.7049,
11.9864

213.8346,
276.3651, 215.2899

■ 8.5610, 15.8573,
6.6120

■ 33.5718, 51.1781,
30.1344

■ 4.5108, 9.4233,
3.1459

■ 47.4132, 69.5725,
43.7450

■ 1.9950, 5.0183,
1.1696

■ 64.6159, 91.9180,
60.9381

■ 0.6311, 2.2580,
0.0000

■ 85.5451, 118.5989,
82.1323

■ 0.0000, 0.7513,
0.0000

■ 110.5662,
149.9997, 107.7460

■ 0.0000, 0.0000,
0.0000

140.0446,

186.5047, 138.1978

174.3456,
228.4984, 173.9063

■ 14.5110, 24.7049,
11.9864

■ 14.5110, 24.7049,
11.9864

■ 13.5131, 24.2345,
9.9820

■ 15.8305, 25.3352,
14.3369

■ 12.8043, 23.9055,
8.3054

■ 17.4962, 26.1356,
17.0472

■ 12.3284, 23.6899,
6.9380

■ 19.5323, 27.1191,
20.1325

■ 12.2606, 23.6592,
6.7445

■ 21.9604, 28.2964,
23.6064

■ 24.8001, 29.6775,
27.4819

■ 28.0700, 31.2717,
31.7713

■ 31.7873, 33.0875,
36.4866

■ 35.9684, 35.1332,
41.6390

■ 40.6288, 37.4166,
47.2396

Harmonies

Analogous

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



18.2175, 24.7049, 6.1107



14.5110, 24.7049, 11.9864



13.1561, 24.7049, 25.3740

Triad

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



14.5110, 24.7049, 11.9864



22.9424, 24.7049, 80.1562



36.2676, 24.7049, 13.6275

Complementary

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



14.5110, 24.7049, 11.9864



18.1295, 10.5708, 19.4980

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.



38.1510, 24.7049, 28.4848



14.5110, 24.7049, 11.9864



29.6723, 24.7049, 72.2155

Square

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



14.5110, 24.7049, 11.9864



17.4348, 24.7049, 69.2529



35.5469, 24.7049, 50.8166



30.7853, 24.7049, 6.7082

Rectangle

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



14.5110, 24.7049, 11.9864



13.5406, 24.7049, 39.0239



35.5469, 24.7049, 50.8166



37.3819, 24.7049, 17.5889

Sweetspot

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



14.5116, 24.7059, 11.9870



42.7954, 52.3599, 47.0398



20.4736, 27.8913, 7.2104



9.3892, 11.7068, 10.2426



74.8435, 78.7412, 85.7492



12.6291, 13.2868, 14.4694

Same Dimension

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



14.5116, 24.7059, 11.9870



23.4769, 43.0626, 16.2394



17.2779, 25.8124, 26.5538



6.2074, 6.9557, 7.0157



9.8630, 19.0086, 5.4990



0.1625, 0.2902, 0.1614

Inverse Universe

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



18.1295, 10.5708, 19.4980



30.3542, 15.9603, 30.3447



15.7284, 9.6104, 6.8539



6.3793, 6.2909, 7.3775



12.9959, 6.4526, 11.7691



0.2104, 0.1029, 0.2609

Previews

White Background



This preview shows how the XYZ color 14.5110, 24.7049, 11.9864 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 14.5110, 24.7049, 11.9864 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 14.5110, 24.7049, 11.9864

Background



This preview shows how black text looks on a background with the XYZ color 14.5110, 24.7049, 11.9864.



This preview shows how white text looks on a background with the XYZ color 14.5110, 24.7049,

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

14.5110, 24.7049, 11.9864

Protanopia

22.3284, 24.2255, 10.1558

Deuteranopia

24.7160, 24.1916, 12.5993



Tritanopia

19.2745, 24.4822, 36.0574

Trichromacy



Original Color

14.5110, 24.7049, 11.9864

Protanomaly

17.8582, 23.4068, 10.7845

Deuteranomaly

18.7942, 22.9864, 12.2504

Tritanomaly

16.9567, 24.2304, 24.9023

Monochromacy



Original Color

14.5110, 24.7049, 11.9864

Achromatopsia

16.2955, 17.1441, 18.6699

Achromatomaly

14.7452, 19.1687, 15.7547

CSS Examples

Text

The CSS property to change the color of the text to XYZ 14.5110, 24.7049, 11.9864 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(49, 155, 82)` looks like.

```
.text, #text, p{  
    color:rgb(49, 155, 82)  
}
```

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(49, 155, 82) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(49, 155, 82) }
```

Border

The CSS property to change the border of an element to XYZ 14.5110, 24.7049, 11.9864 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(49, 155, 82) }
```


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

```
.border{ border-color:rgb(49, 155, 82) }
```

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

Here you see how a box with a 4 pixel `rgb(49, 155, 82)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(49, 155, 82); -webkit-box-  
shadow:4px 4px 4px 4px rgb(49, 155, 82);  
box-shadow:4px 4px 4px 4px rgb(49, 155,  
82) }
```

Background

The CSS property to change the background color of an element to XYZ 14.5110, 24.7049, 11.9864 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(49, 155, 82) }
```

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

```
.background{ background-color: rgb(49, 155,  
82) }
```

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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