

Converting Colors

XYZ(14.3990, 24.9220, 10.8214)

Have a look what the booklet for
XYZ(14.3990, 24.9220, 10.8214)
contains.

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Color

**XYZ(14.4119, 24.9271,
10.8893)**

Conversions

Conversions Part 1

Format	Color
Hex	309C4C
RGB	48, 156, 76
RGB Percent	19%, 61%, 30%
CMY	0.8118, 0.3882, 0.7020
CMYK	0.69, 0.00, 0.51, 0.39
HSL	136°, 53%, 40%
HSV	136°, 69%, 61%
XYZ	14.4119, 24.9271, 10.8893
YIQ	114.5880, -38.6880, -47.7760

Conversions

Conversions Part 2

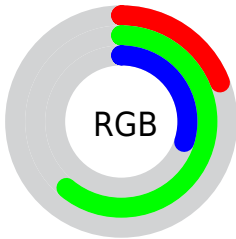
Format	Color
R_{YB}	48, 134, 156
Decimal	3185740
CIE _{Lab}	57.00, -48.05, 33.03
CIE _{LCh}	57, 58.311, 145.491
Yxy	24.9271, 0.2869, 0.4963
Android (android.graphics.Color)	4281375820 (0xFF309C4C)
YUV	114.5880, -19.0239, -58.3977
Hunter-Lab	49.9270, -35.8467, 22.0175

Details

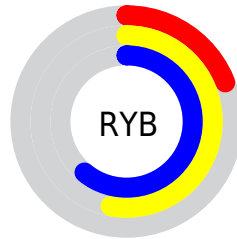
The XYZ color **14.4119, 24.9271, 10.8893** is a dark color, and the websafe version is hex **339933**. A complement of this color would be **18.6643, 10.7408, 21.5123**, and the grayscale version is **16.2356, 17.0811, 18.6014**.

A 20% lighter version of the original color is **33.2445, 51.2830, 27.8851**, and **5.0598, 9.7843, 2.7205** is the 20% darker color. If you saturate the color by 10%, you get **13.4353, 24.4667, 8.9318**, and if you desaturate by 10%, it is **15.7207, 25.5518, 13.2402**.

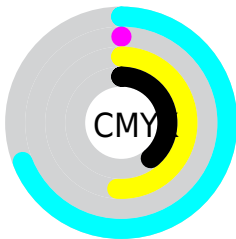
Distribution



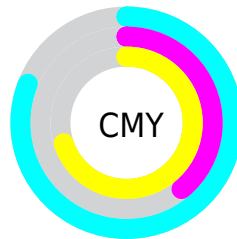
- Red (19%)
- Green (61%)
- Blue (30%)



- Red (19%)
- Yellow (53%)
- Blue (61%)



- Cyan (69%)
- Magenta (0%)
- Yellow (51%)
- Black (39%)



- Cyan (81%)
- Magenta (39%)
- Yellow (70%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 14.4119, 24.9271, 10.8893 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 14.4119, 24.9271, 10.8893 by changing the saturation by 10% instead.

■ 14.4119, 24.9271,
10.8893

■ 14.4119, 24.9271,
10.8893

213.2382,
277.4747, 207.6166

■ 8.4913, 16.0228,
5.8792

■ 33.3983, 51.5389,
28.0888

■ 4.4653, 9.5403,
2.7042

■ 47.1949, 70.0152,
41.1153

■ 1.9686, 5.0952,
0.9455

■ 64.3474, 92.4509,
57.6510

■ 0.6162, 2.3032,
0.0000

■ 85.2214, 119.2304,
78.1144

■ 0.0000, 0.7754,
0.0000

■ 110.1821,
150.7382, 102.9242

■ 0.0000, 0.0000,
0.0000

139.5949,

187.3586, 132.4988

173.8251,
229.4759, 167.2567

■ 14.4119, 24.9271,
10.8893

■ 14.4119, 24.9271,
10.8893

■ 13.4353, 24.4667,
8.9318

■ 15.7207, 25.5518,
13.2402

■ 12.7567, 24.1513,
7.3443

■ 17.3878, 26.3518,
16.0029

■ 12.3101, 23.9481,
6.1022

■ 19.4388, 27.3406,
19.1964

■ 12.2796, 23.9341,
6.0200

■ 21.8964, 28.5295,
22.8382

■ 24.7814, 29.9288,
26.9449

■ 28.1131, 31.5484,
31.5320

■ 31.9099, 33.3971,
36.6145

■ 36.1889, 35.4836,
42.2066

■ 40.9663, 37.8161,
48.3220

Harmonies

Analogous

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



18.4640, 24.9271, 5.3460



14.4119, 24.9271, 10.8893



12.8384, 24.9271, 24.2829

Triad

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



14.4119, 24.9271, 10.8893



22.6721, 24.9271, 84.7861



37.6808, 24.9271, 13.9288

Complementary

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



14.4119, 24.9271, 10.8893



18.6643, 10.7408, 21.5123

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.



39.3978, 24.9271, 30.2158



14.4119, 24.9271, 10.8893



29.8251, 24.9271, 77.4130

Square

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



14.4119, 24.9271, 10.8893



16.9866, 24.9271, 71.6013



36.2877, 24.9271, 54.6107



31.9650, 24.9271, 6.4139

Rectangle

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



14.4119, 24.9271, 10.8893



13.1315, 24.9271, 38.5146



36.2877, 24.9271, 54.6107



38.7865, 24.9271, 18.2615

Sweetspot

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



14.4125, 24.9281, 10.8899



43.7951, 53.7683, 47.2343



21.4761, 28.6586, 7.1962



9.3374, 11.6861, 9.9696



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.



14.4125, 24.9281, 10.8899



23.6712, 44.0959, 14.5807



17.0705, 25.9913, 24.8869



6.6178, 7.4279, 7.4221



10.1267, 19.7186, 5.0245



0.1968, 0.3589, 0.1728

Inverse Universe

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



18.6643, 10.7408, 21.5123



31.8476, 16.5623, 34.8227



16.0379, 9.6903, 7.6821



6.8307, 6.7252, 7.9594



13.8830, 6.8578, 14.1670



0.2643, 0.1290, 0.3378

Previews

White Background



This preview shows how the XYZ color 14.4119, 24.9271, 10.8893 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 14.4119, 24.9271, 10.8893 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 14.4119, 24.9271, 10.8893

Background



This preview shows how black text looks on a background with the XYZ color 14.4119, 24.9271, 10.8893.



This preview shows how white text looks on a background with the XYZ color 14.4119, 24.9271,

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

14.4119, 24.9271, 10.8893

Protanopia

22.4560, 24.5220, 9.1799

Deuteranopia

25.0610, 24.5891, 11.6089



Tritanopia

19.5934, 24.8665, 36.5679

Trichromacy



Original Color

14.4119, 24.9271, 10.8893



Protanomaly

17.8022, 23.6235, 9.7524



Deuteranomaly

18.7066, 23.1820, 11.0780



Tritanomaly

17.0488, 24.5215, 24.6034

Monochromacy



Original Color

14.4119, 24.9271, 10.8893



Achromatopsia

16.2955, 17.1441, 18.6699



Achromatomaly

14.6460, 19.1290, 15.2323

CSS Examples

Text

The CSS property to change the color of the text to XYZ 14.4119, 24.9271, 10.8893 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(48, 156, 76)` looks like.

```
.text, #text, p{  
    color:rgb(48, 156, 76)  
}
```

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(48, 156, 76) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(48, 156, 76) }
```

Border

The CSS property to change the border of an element to XYZ 14.4119, 24.9271, 10.8893 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(48, 156, 76) }
```


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

```
.border{ border-color:rgb(48, 156, 76) }
```

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

Here you see how a box with a 4 pixel `rgb(48, 156, 76)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(48, 156, 76); -webkit-box-  
shadow:4px 4px 4px 4px rgb(48, 156, 76);  
box-shadow:4px 4px 4px 4px rgb(48, 156,  
76) }
```

Background

The CSS property to change the background color of an element to XYZ 14.4119, 24.9271, 10.8893 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(48, 156, 76) }
```

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

```
.background{ background-color: rgb(48, 156,  
76) }
```

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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