

Converting Colors

XYZ(14.3902, 24.2196, 9.4327)

Have a look what the booklet for
XYZ(14.3902, 24.2196, 9.4327)
contains.

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Color

**XYZ(14.3591, 24.1919,
9.3815)**

Conversions

Conversions Part 1

Format	Color
Hex	3D9944
RGB	61, 153, 68
RGB Percent	24%, 60%, 27%
CMY	0.7608, 0.4000, 0.7333
CMYK	0.60, 0.00, 0.56, 0.40
HSL	125°, 43%, 42%
HSV	125°, 60%, 60%
XYZ	14.3591, 24.1919, 9.3815
YIQ	115.8020, -27.5470, -45.9390

Conversions

Conversions Part 2

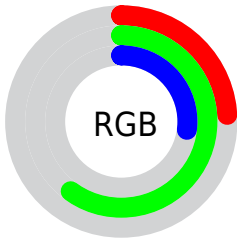
Format	Color
RYB	61, 146, 153
Decimal	4036932
CIELab	56.28, -45.25, 36.28
CIELCh	56, 58.003, 141.276
Yxy	24.1919, 0.2996, 0.5047
Android (android.graphics.Color)	4282227012 (0xFF3D9944)
YUV	115.8020, -23.5664, -48.0614
Hunter-Lab	49.1853, -33.9631, 23.1208

Details

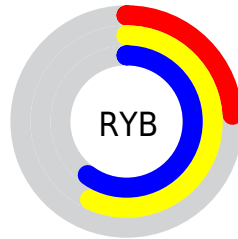
The XYZ color **14.3591, 24.1919, 9.3815** is a dark color, and the websafe version is hex **339933**. A complement of this color would be **19.9947, 12.1856, 28.4931**, and the grayscale version is **16.6163, 17.4816, 19.0375**.

A 20% lighter version of the original color is **33.2971, 50.2713, 25.0879**, and **4.7629, 9.3510, 2.1262** is the 20% darker color. If you saturate the color by 10%, you get **13.1677, 23.6224, 7.3391**, and if you desaturate by 10%, it is **15.9245, 24.9436, 11.9855**.

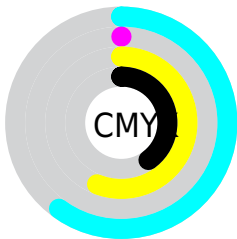
Distribution



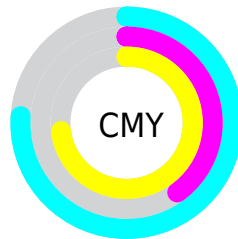
- Red (24%)
- Green (60%)
- Blue (27%)



- Red (24%)
- Yellow (57%)
- Blue (60%)



- Cyan (60%)
- Magenta (0%)
- Yellow (56%)
- Black (40%)





- Cyan (76%)
- Magenta (40%)
- Yellow (73%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 14.3591, 24.1919, 9.3815 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 14.3591, 24.1919, 9.3815 by changing the saturation by 10% instead.


 14.3591, 24.1919,
9.3815


 14.3591, 24.1919,
9.3815


212.9197,
273.7892, 196.5206


 8.4542, 15.4760,
4.8907


 33.3058, 50.3432,
25.2148


 4.4412, 9.1542,
2.1256


 47.0784, 68.5474,
37.3944

 1.9546, 4.8419,
0.6310

 64.2042, 90.6831,
52.9740

 0.6083, 2.1548,
0.0000

 85.0486, 117.1348,
72.3721

 0.0000, 0.6952,
0.0000

 109.9770,
148.2869, 96.0072

 0.0000, 0.0000,
0.0000

139.3548,

184.5238, 124.2980

173.5472,
226.2297, 157.6630

■ 14.3591, 24.1919,
9.3815

■ 14.3591, 24.1919,
9.3815

■ 13.1677, 23.6224,
7.3391

■ 15.9245, 24.9436,
11.9855

■ 12.3173, 23.2168,
5.8156

■ 17.8896, 25.8878,
15.1866

■ 11.7723, 22.9586,
4.7646

■ 20.2802, 27.0379,
19.0191

■ 11.4559, 22.8091,
4.1353

■ 23.1192, 28.4048,
23.5145

■ 26.4278, 29.9991,
28.7020

■ 30.2262, 31.8304,
34.6091

■ 34.5329, 33.9079,
41.2618

■ 39.3660, 36.2401,
48.6848

■ 44.7423, 38.8354,
56.9017

Harmonies

Analogous

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



18.6413, 24.1919, 4.7834



14.3591, 24.1919, 9.3815



12.4924, 24.1919, 21.1470

Triad

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



14.3591, 24.1919, 9.3815



21.1004, 24.1919, 81.9855



37.1571, 24.1919, 15.1217

Complementary

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



14.3591, 24.1919, 9.3815



19.9947, 12.1856, 28.4931

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.



38.1669, 24.1919, 32.3223



14.3591, 24.1919, 9.3815



27.9757, 24.1919, 77.6279

Square

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



14.3591, 24.1919, 9.3815



15.8592, 24.1919, 66.7167



34.5389, 24.1919, 56.6985



31.9995, 24.1919, 6.8045

Rectangle

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



14.3591, 24.1919, 9.3815



12.5586, 24.1919, 34.2074



34.5389, 24.1919, 56.6985



38.0278, 24.1919, 19.7835

Sweetspot

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



14.3597, 24.1929, 9.3820



42.3914, 51.3444, 43.6672



24.2432, 29.3113, 8.7949



9.0313, 11.1788, 9.1240



72.9764, 76.7769, 83.6100



11.9732, 12.5967, 13.7178

Same Dimension

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



14.3597, 24.1929, 9.3820



23.0150, 42.0331, 12.1460



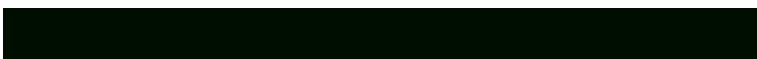
16.3045, 24.9708, 19.6233



6.1503, 6.9328, 6.7148



9.4732, 18.8527, 3.4464



0.1461, 0.2836, 0.0749

Inverse Universe

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



19.9947, 12.1856, 28.4931



34.0033, 18.5580, 49.3683



17.1487, 11.0472, 13.5067



6.4409, 6.3155, 7.7021



14.8584, 7.1976, 21.5769



0.2273, 0.1097, 0.3500

Previews

White Background



This preview shows how the XYZ color 14.3591, 24.1919, 9.3815 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 14.3591, 24.1919, 9.3815 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 14.3591, 24.1919, 9.3815

Background



This preview shows how black text looks on a background with the XYZ color 14.3591, 24.1919, 9.3815.



This preview shows how white text looks on a background with the XYZ color 14.3591, 24.1919,

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

14.3591, 24.1919, 9.3815

Protanopia

21.7890, 23.7876, 8.0005

Deuteranopia

24.2990, 23.8389, 9.9773



Tritanopia

19.4569, 24.1521, 34.6467

Trichromacy



Original Color

14.3591, 24.1919, 9.3815



Protanomaly

17.7864, 23.2018, 8.3914



Deuteranomaly

18.8678, 22.8712, 9.5510



Tritanomaly

16.9105, 23.7934, 22.4402

Monochromacy



Original Color

14.3591, 24.1919, 9.3815



Achromatopsia

16.6002, 17.4647, 19.0191



Achromatomaly

14.9263, 19.0882, 14.7021

CSS Examples

Text

The CSS property to change the color of the text to XYZ 14.3591, 24.1919, 9.3815 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(61, 153, 68)` looks like.

```
.text, #text, p{  
    color:rgb(61, 153, 68)  
}
```

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(61, 153, 68) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(61, 153, 68) }
```

Border

The CSS property to change the border of an element to XYZ 14.3591, 24.1919, 9.3815 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(61, 153, 68) }
```


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

```
.border{ border-color:rgb(61, 153, 68) }
```

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

Here you see how a box with a 4 pixel `rgb(61, 153, 68)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(61, 153, 68); -webkit-box-  
shadow:4px 4px 4px 4px rgb(61, 153, 68);  
box-shadow:4px 4px 4px 4px rgb(61, 153,  
68) }
```

Background

The CSS property to change the background color of an element to XYZ 14.3591, 24.1919, 9.3815 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(61, 153, 68) }
```

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

```
.background{ background-color: rgb(61, 153,  
68) }
```

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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