

Converting Colors

XYZ(14.6598, 26.3249, 7.1278)

Have a look what the booklet for
XYZ(14.6598, 26.3249, 7.1278)
contains.

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Color

**XYZ(14.6945, 26.4332,
7.1239)**

Conversions

Conversions Part 1

Format	Color
Hex	34A130
RGB	52, 161, 48
RGB Percent	20%, 63%, 19%
CMY	0.7961, 0.3686, 0.8118
CMYK	0.68, 0.00, 0.70, 0.37
HSL	118°, 54%, 41%
HSV	118°, 70%, 63%
XYZ	14.6945, 26.4332, 7.1239
YIQ	115.5270, -28.6910, -58.2510

Conversions

Conversions Part 2

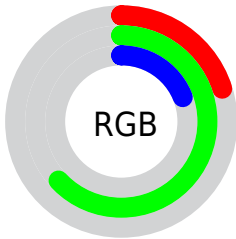
Format	Color
RYB	48, 161, 157
Decimal	3449136
CIELab	58.45, -52.53, 47.76
CIElCh	58, 71.002, 137.722
Yxy	26.4332, 0.3045, 0.5478
Android (android.graphics.Color)	4281639216 (0xFF34A130)
YUV	115.5270, -33.2908, -55.7132
Hunter-Lab	51.4132, -38.9558, 27.7739

Details

The XYZ color **14.6945, 26.4332, 7.1239** is a dark color, and the websafe version is hex **339933**. A complement of this color would be **21.3964, 11.8563, 34.8804**, and the grayscale version is **16.5611, 17.4235, 18.9742**.

A 20% lighter version of the original color is **33.9232, 54.0565, 20.7026**, and **5.3626, 10.7251, 1.7875** is the 20% darker color. If you saturate the color by 10%, you get **13.7488, 25.9781, 5.6493**, and if you desaturate by 10%, it is **16.0251, 27.0743, 9.2472**.

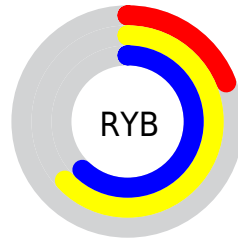
Distribution



Red (20%)

Green (63%)

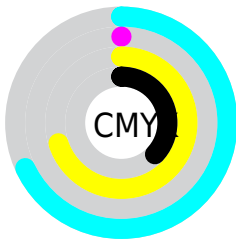
Blue (19%)



Red (19%)

Yellow (63%)

Blue (62%)

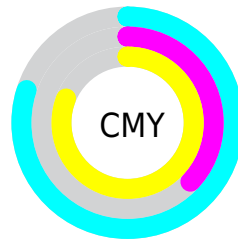


Cyan (68%)

Magenta (0%)

Yellow (70%)

Black (37%)



Cyan (80%)


Magenta (37%)


Yellow (81%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 14.6945, 26.4332, 7.1239 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 14.6945, 26.4332, 7.1239 by changing the saturation by 10% instead.


 14.6945, 26.4332,
7.1239


 14.6945, 26.4332,
7.1239


214.9348,
284.9022, 178.3591


 8.6902, 17.1480,
3.4601


 33.8924, 53.9730,
20.7391


 4.5951, 10.3401,
1.3341


 47.8167, 72.9964,
31.5276


 2.0440, 5.6250,
0.0895

 65.1117, 96.0346,
45.5281

 0.6585, 2.6184,
0.0000

 86.1428, 123.4720,
63.1591

 0.0000, 0.9359,
0.0000

 111.2753,
155.6931, 84.8392

 0.0000, 0.0000,
0.0000

 140.8746,

193.0823, 110.9868

175.3060,
236.0238, 142.0206

■ 14.6945, 26.4332,
7.1239

■ 14.6945, 26.4332,
7.1239

■ 13.7488, 25.9781,
5.6493

■ 16.0251, 27.0743,
9.2472

■ 13.1454, 25.6864,
4.7477

■ 17.7736, 27.9148,
12.0803

■ 12.8167, 25.5276,
4.2518

■ 19.9719, 28.9707,
15.6792

■ 22.6481, 30.2554,
20.0938

■ 25.8280, 31.7812,
25.3699

■ 29.5356, 33.5596,
31.5497

■ 33.7933, 35.6013,
38.6729

■ 38.6223, 37.9164,
46.7766

■ 44.0427, 40.5144,
55.8960

Harmonies

Analogous

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



20.3817, 26.4332, 3.0474



14.6945, 26.4332, 7.1239



12.0975, 26.4332, 19.7723

Triad

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



14.6945, 26.4332, 7.1239



21.7417, 26.4332, 105.2219



44.5932, 26.4332, 16.5531

Complementary

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



14.6945, 26.4332, 7.1239



21.3964, 11.8563, 34.8804

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.



45.1969, 26.4332, 40.1799



14.6945, 26.4332, 7.1239



30.5501, 26.4332, 102.4601

Square

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



14.6945, 26.4332, 7.1239



15.4918, 26.4332, 80.5570



39.5936, 26.4332, 74.3526



38.0961, 26.4332, 5.9327

Rectangle

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



14.6945, 26.4332, 7.1239



11.9566, 26.4332, 35.6877



39.5936, 26.4332, 74.3526



45.5383, 26.4332, 22.8288

Sweetspot

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



14.6951, 26.4343, 7.1245



45.5156, 56.5609, 44.2060



27.0123, 31.3512, 7.4244



9.6484, 12.2445, 9.1404



76.7382, 80.7346, 87.9200



13.3056, 13.9985, 15.2444

Same Dimension

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



14.6951, 26.4343, 7.1245



23.9681, 46.2069, 9.1281



16.2096, 27.0173, 16.1282



7.0076, 7.9064, 7.5368



10.2433, 20.3911, 3.3960



0.2218, 0.4318, 0.0717

Inverse Universe

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



21.3964, 11.8563, 34.8804



36.6759, 18.4025, 62.0055



18.5785, 10.8207, 15.9050



7.3395, 7.1894, 8.9039



15.9885, 7.6489, 27.5635



0.3431, 0.1644, 0.5795

Previews

White Background



This preview shows how the XYZ color 14.6945, 26.4332, 7.1239 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 14.6945, 26.4332, 7.1239 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 14.6945, 26.4332, 7.1239

Background



This preview shows how black text looks on a background with the XYZ color 14.6945, 26.4332, 7.1239.



This preview shows how white text looks on a background with the XYZ color 14.6945, 26.4332,

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

14.6945, 26.4332, 7.1239

Protanopia

23.5063, 25.9913, 5.9684

Deuteranopia

26.3848, 25.9648, 7.6241



Tritanopia

20.8213, 26.1707, 38.1365

Trichromacy



Original Color

14.6945, 26.4332, 7.1239



Protanomaly

18.5157, 25.2132, 6.2736



Deuteranomaly

19.5416, 24.5784, 7.2042



Tritanomaly

17.5326, 25.7938, 22.1438

Monochromacy



Original Color

14.6945, 26.4332, 7.1239



Achromatopsia

16.6002, 17.4647, 19.0191



Achromatomaly

14.6538, 19.5850, 12.9055

CSS Examples

Text

The CSS property to change the color of the text to XYZ 14.6945, 26.4332, 7.1239 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(52, 161, 48)` looks like.

```
.text, #text, p{  
    color:rgb(52, 161, 48)  
}
```

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(52, 161, 48) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(52, 161, 48) }
```

Border

The CSS property to change the border of an element to XYZ 14.6945, 26.4332, 7.1239 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(52, 161, 48) }
```


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

```
.border{ border-color:rgb(52, 161, 48) }
```

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

Here you see how a box with a 4 pixel rgb(52, 161, 48) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(52, 161, 48); -webkit-box-  
shadow:4px 4px 4px 4px rgb(52, 161, 48);  
box-shadow:4px 4px 4px 4px rgb(52, 161,  
48) }
```

Background

The CSS property to change the background color of an element to XYZ 14.6945, 26.4332, 7.1239 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(52, 161, 48) }
```

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

```
.background{ background-color: rgb(52, 161,  
48) }
```

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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