

Converting Colors

XYZ(13.9646, 25.9610, 5.6587)

Have a look what the booklet for
XYZ(13.9646, 25.9610, 5.6587)
contains.

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Color

**XYZ(14.0443, 26.1295,
5.6698)**

Conversions

Conversions Part 1

Format	Color
Hex	2CA120
RGB	44, 161, 32
RGB Percent	17%, 63%, 13%
CMY	0.8274, 0.3686, 0.8745
CMYK	0.73, 0.00, 0.80, 0.37
HSL	114°, 67%, 38%
HSV	114°, 80%, 63%
XYZ	14.0443, 26.1295, 5.6698
YIQ	111.3110, -28.3230, -64.9230

Conversions

Conversions Part 2

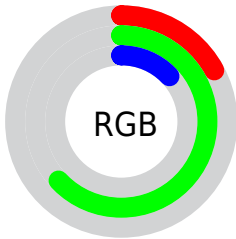
Format	Color
R_{YB}	32, 161, 149
Decimal	2924832
CIE Lab	58.16, -55.32, 53.18
CIE LCh	58, 76.732, 136.130
Yxy	26.1295, 0.3064, 0.5700
Android (android.graphics.Color)	4281114912 (0xFF2CA120)
YUV	111.3110, -39.1003, -59.0317
Hunter-Lab	51.1170, -40.4123, 29.2056

Details

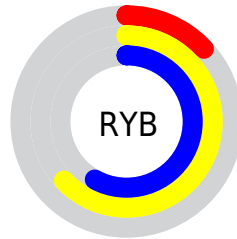
The XYZ color **14.0443, 26.1295, 5.6698** is a dark color, and the websafe version is hex **339900**. A complement of this color would be **19.3459, 9.9970, 34.6296**, and the grayscale version is **15.3167, 16.1144, 17.5486**.

A 20% lighter version of the original color is **32.7175, 53.5020, 17.6193**, and **5.3626, 10.7251, 1.7875** is the 20% darker color. If you saturate the color by 10%, you get **13.3562, 25.7950, 4.7615**, and if you desaturate by 10%, it is **15.0613, 26.6228, 7.1527**.

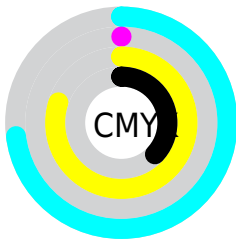
Distribution



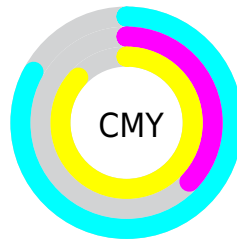
- Red (17%)
- Green (63%)
- Blue (13%)



- Red (13%)
- Yellow (63%)
- Blue (58%)



- Cyan (73%)
- Magenta (0%)
- Yellow (80%)
- Black (37%)





- Cyan (83%)
- Magenta (37%)
- Yellow (87%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 14.0443, 26.1295, 5.6698 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 14.0443, 26.1295, 5.6698 by changing the saturation by 10% instead.


 14.0443, 26.1295,
5.6698


 14.0443, 26.1295,
5.6698


211.0113,
283.4172, 165.2893


 8.2334, 16.9205,
2.5798


 32.7532, 53.4838,
17.7073


 4.2977, 10.1779,
0.8820


 46.3819, 72.3979,
27.4919

 1.8719, 5.5170,
0.0000

 63.3473, 95.3159,
40.3451

 0.5604, 2.5537,
0.0000

 84.0147, 122.6221,
56.6854

 0.0000, 0.9035,
0.0000

 108.7494,
154.7009, 76.9315

 0.0000, 0.0000,
0.0000

 137.9169,

191.9368, 101.5018

171.8824,
234.7141, 130.8149

■ 14.0443, 26.1295,
5.6698

■ 14.0443, 26.1295,
5.6698

■ 13.3562, 25.7950,
4.7615

■ 15.0613, 26.6228,
7.1527

■ 12.9419, 25.5921,
4.2577

■ 16.4401, 27.2879,
9.2820

■ 18.2113, 28.1400,
12.1207

■ 20.4020, 29.1918,
15.7241

■ 23.0367, 30.4550,
20.1420

■ 26.1382, 31.9403,
25.4199

■ 29.7275, 33.6576,
31.5999

■ 33.8245, 35.6163,
38.7215

■ 38.4479, 37.8252,
46.8218

Harmonies

Analogous

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



20.1904, 26.1295, 2.1611



14.0443, 26.1295, 5.6698



11.2040, 26.1295, 17.8538

Triad

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



14.0443, 26.1295, 5.6698



20.7900, 26.1295, 112.7773



46.2825, 26.1295, 16.4609

Complementary

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



14.0443, 26.1295, 5.6698



19.3459, 9.9970, 34.6296

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.



46.5597, 26.1295, 42.5800



14.0443, 26.1295, 5.6698



30.1429, 26.1295, 111.4723

Square

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



14.0443, 26.1295, 5.6698



14.3883, 26.1295, 83.6564



40.0889, 26.1295, 80.7575



39.4062, 26.1295, 5.1961

Rectangle

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



14.0443, 26.1295, 5.6698



10.9592, 26.1295, 34.2786



40.0889, 26.1295, 80.7575



47.1999, 26.1295, 23.3237

Sweetspot

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



14.0449, 26.1306, 5.6704



44.2995, 55.9984, 41.2366



25.5655, 28.8939, 5.5966



9.3143, 12.0891, 8.3619



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.



14.0449, 26.1306, 5.6704



23.3236, 45.9018, 7.8708



14.9260, 26.4319, 12.6217



7.0438, 7.9251, 7.5385



10.3526, 20.4475, 3.4011



0.2347, 0.4385, 0.0723

Inverse Universe

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



19.3459, 9.9970, 34.6296



32.9558, 15.7932, 61.6980



17.9974, 9.7236, 15.5106



7.2991, 7.1686, 8.9020



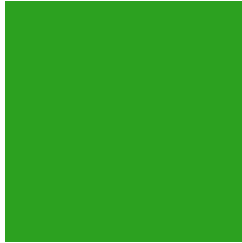
14.6278, 6.9474, 27.4998



0.3249, 0.1550, 0.5787

Previews

White Background



This preview shows how the XYZ color 14.0443, 26.1295, 5.6698 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 14.0443, 26.1295, 5.6698 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

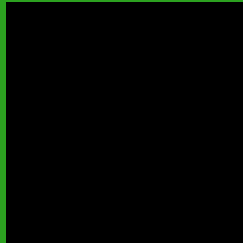
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 14.0443, 26.1295, 5.6698

Background



This preview shows how black text looks on a background with the XYZ color 14.0443, 26.1295, 5.6698.



This preview shows how white text looks on a background with the XYZ color 14.0443, 26.1295,

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

14.0443, 26.1295, 5.6698

Protanopia

23.1294, 25.6077, 4.7010

Deuteranopia

26.2000, 25.6985, 6.1642



Tritanopia

20.5698, 26.0410, 38.1247

Trichromacy



Original Color

14.0443, 26.1295, 5.6698



Protanomaly

17.7136, 24.5961, 4.9125



Deuteranomaly

18.9751, 24.3170, 5.7914



Tritanomaly

16.8969, 25.5073, 20.2525

Monochromacy



Original Color

14.0443, 26.1295, 5.6698



Achromatopsia

15.1092, 15.8961, 17.3108



Achromatomaly

13.3037, 18.3359, 10.8207

CSS Examples

Text

The CSS property to change the color of the text to XYZ 14.0443, 26.1295, 5.6698 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(44, 161, 32)` looks like.

```
.text, #text, p{  
    color:rgb(44, 161, 32)  
}
```

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(44, 161, 32) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(44, 161, 32) }
```

Border

The CSS property to change the border of an element to XYZ 14.0443, 26.1295, 5.6698 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(44, 161, 32) }
```


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

```
.border{ border-color:rgb(44, 161, 32) }
```

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

Here you see how a box with a 4 pixel `rgb(44, 161, 32)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(44, 161, 32); -webkit-box-  
shadow:4px 4px 4px 4px rgb(44, 161, 32);  
box-shadow:4px 4px 4px 4px rgb(44, 161,  
32) }
```

Background

The CSS property to change the background color of an element to XYZ 14.0443, 26.1295, 5.6698 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(44, 161, 32) }
```

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

```
.background{ background-color: rgb(44, 161,  
32) }
```

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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