

Converting Colors

XYZ(14.2747, 25.9330, 5.6175)

Have a look what the booklet for
XYZ(14.2747, 25.9330, 5.6175)
contains.

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Color

**XYZ(14.2997, 26.0028,
5.6319)**

Conversions

Conversions Part 1

Format	Color
Hex	35A020
RGB	53, 160, 32
RGB Percent	21%, 63%, 13%
CMY	0.7922, 0.3725, 0.8745
CMYK	0.67, 0.00, 0.80, 0.37
HSL	110°, 67%, 38%
HSV	110°, 80%, 63%
XYZ	14.2997, 26.0028, 5.6319
YIQ	113.4150, -22.6840, -62.4920

Conversions

Conversions Part 2

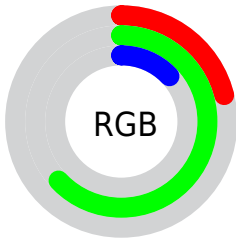
Format	Color
RYB	32, 160, 139
Decimal	3514400
CIELab	58.04, -53.21, 53.14
CIELCh	58, 75.197, 135.038
Yxy	26.0028, 0.3113, 0.5661
Android (android.graphics.Color)	4281704480 (0xFF35A020)
YUV	113.4150, -40.1376, -52.9840
Hunter-Lab	50.9929, -39.1818, 29.1468

Details

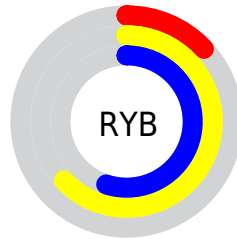
The XYZ color **14.2997, 26.0028, 5.6319** is a dark color, and the websafe version is hex **339900**. A complement of this color would be **17.5112, 9.0614, 34.0852**, and the grayscale version is **15.9408, 16.7709, 18.2636**.

A 20% lighter version of the original color is **33.2156, 53.3773, 17.5690**, and **5.2577, 10.5154, 1.7526** is the 20% darker color. If you saturate the color by 10%, you get **13.5254, 25.6237, 4.7235**, and if you desaturate by 10%, it is **15.3771, 26.5275, 7.1069**.

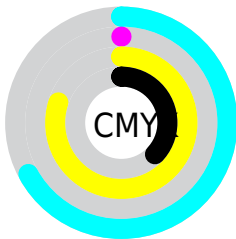
Distribution



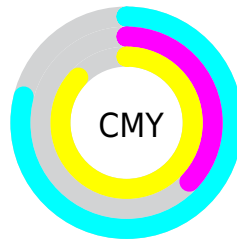
- Red (21%)
- Green (63%)
- Blue (13%)



- Red (13%)
- Yellow (63%)
- Blue (55%)



- Cyan (67%)
- Magenta (0%)
- Yellow (80%)
- Black (37%)





- Cyan (79%)
- Magenta (37%)
- Yellow (87%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 14.2997, 26.0028, 5.6319 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 14.2997, 26.0028, 5.6319 by changing the saturation by 10% instead.


 14.2997, 26.0028,
5.6319


 14.2997, 26.0028,
5.6319


212.5609,
282.7958, 164.9298


 8.4125, 16.8257,
2.5574


 33.2017, 53.2795,
17.6262


 4.4140, 10.1103,
0.8704


 46.9472, 72.1479,
27.3832

 1.9389, 5.4722,
0.0000

 64.0429, 95.0155,
40.2047

 0.5993, 2.5269,
0.0000

 84.8541, 122.2667,
56.5093

 0.0000, 0.8900,
0.0000

 109.7461,
154.2860, 76.7156

 0.0000, 0.0000,
0.0000

 139.0843,

191.4577, 101.2421

173.2341,
234.1661, 130.5073

■ 14.2997, 26.0028,
5.6319

■ 14.2997, 26.0028,
5.6319

■ 13.5254, 25.6237,
4.7235

■ 15.3771, 26.5275,
7.1069

■ 13.0037, 25.3656,
4.2108

■ 16.7843, 27.2076,
9.2185

■ 13.0036, 25.3655,
4.2107

■ 18.5467, 28.0558,
12.0286

■ 20.6869, 29.0825,
15.5913

■ 23.2254, 30.2972,
19.9553

■ 26.1814, 31.7088,
25.1653

■ 29.5727, 33.3256,
31.2627

■ 33.4160, 35.1555,
38.2861

■ 37.7273, 37.2057,
46.2719

Harmonies

Analogous

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



20.4535, 26.0028, 2.2685



14.2997, 26.0028, 5.6319



11.3874, 26.0028, 17.2601

Triad

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



14.2997, 26.0028, 5.6319



20.4733, 26.0028, 109.3768



45.7175, 26.0028, 17.2138

Complementary

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



14.2997, 26.0028, 5.6319



17.5112, 9.0614, 34.0852

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.



45.7265, 26.0028, 43.2942



14.2997, 26.0028, 5.6319



29.5305, 26.0028, 109.3344

Square

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



14.2997, 26.0028, 5.6319



14.3111, 26.0028, 80.5216



39.2520, 26.0028, 80.4271



39.2296, 26.0028, 5.6159

Rectangle

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



14.2997, 26.0028, 5.6319



11.0772, 26.0028, 32.9377



39.2520, 26.0028, 80.4271



46.5220, 26.0028, 24.1421

Sweetspot

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



14.3003, 26.0039, 5.6325



45.0431, 56.3818, 41.2714



23.9436, 25.9481, 5.1135



9.4911, 12.1802, 8.3701



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.



14.3003, 26.0039, 5.6325



23.7968, 46.1457, 7.8930



14.4260, 25.9534, 10.8470



6.6471, 7.4507, 7.0735



10.1555, 19.7721, 3.2811



0.2065, 0.3664, 0.0598

Inverse Universe

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



17.5112, 9.0614, 34.0852



29.5563, 14.0407, 61.5389



18.2453, 9.7996, 17.8637



6.7973, 6.6995, 8.3416



12.6026, 5.9259, 26.3868



0.2513, 0.1193, 0.4730

Previews

White Background



This preview shows how the XYZ color 14.2997, 26.0028, 5.6319 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 14.2997, 26.0028, 5.6319 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 14.2997, 26.0028, 5.6319

Background



This preview shows how black text looks on a background with the XYZ color 14.2997, 26.0028, 5.6319.



This preview shows how white text looks on a background with the XYZ color 14.2997, 26.0028,

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

14.2997, 26.0028, 5.6319

Protanopia

23.1294, 25.6077, 4.7010

Deuteranopia

25.9780, 25.5840, 6.1538



Tritanopia

20.6601, 25.8619, 37.6212

Trichromacy



Original Color

14.2997, 26.0028, 5.6319



Protanomaly

18.2511, 24.8732, 4.9377



Deuteranomaly

19.1265, 24.1732, 5.7556



Tritanomaly

17.0270, 25.3370, 19.9127

Monochromacy



Original Color

14.2997, 26.0028, 5.6319



Achromatopsia

15.6958, 16.5132, 17.9829



Achromatomaly

13.8972, 18.8295, 11.2895

CSS Examples

Text

The CSS property to change the color of the text to XYZ 14.2997, 26.0028, 5.6319 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(53, 160, 32)` looks like.

```
.text, #text, p{  
    color:rgb(53, 160, 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(53, 160, 32) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(53, 160, 32) }
```

Border

The CSS property to change the border of an element to XYZ 14.2997, 26.0028, 5.6319 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(53, 160, 32) }
```


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

```
.border{ border-color:rgb(53, 160, 32) }
```

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

Here you see how a box with a 4 pixel `rgb(53, 160, 32)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(53, 160, 32); -webkit-box-  
shadow:4px 4px 4px 4px rgb(53, 160, 32);  
box-shadow:4px 4px 4px 4px rgb(53, 160,  
32) }
```

Background

The CSS property to change the background color of an element to XYZ 14.2997, 26.0028, 5.6319 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(53, 160, 32) }
```

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

```
.background{ background-color: rgb(53, 160,  
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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