

Converting Colors

XYZ(14.1815, 26.0419, 6.0083)

Have a look what the booklet for
XYZ(14.1815, 26.0419, 6.0083)
contains.

XYZ(14.1237, 25.9036, 6.0058)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(14.1237, 25.9036,
6.0058)**

Conversions

Conversions Part 1

Format	Color
Hex	30A025
RGB	48, 160, 37
RGB Percent	19%, 63%, 15%
CMY	0.8118, 0.3725, 0.8549
CMYK	0.70, 0.00, 0.77, 0.37
HSL	115°, 62%, 39%
HSV	115°, 77%, 63%
XYZ	14.1237, 25.9036, 6.0058
YIQ	112.4900, -27.2690, -61.9970

Conversions

Conversions Part 2

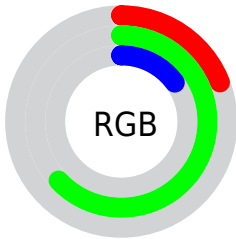
Format	Color
R_{YB}	37, 160, 149
Decimal	3186725
CIE _{Lab}	57.95, -53.90, 51.36
CIE _{LCh}	58, 74.449, 136.380
Yxy	25.9036, 0.3068, 0.5627
Android (android.graphics.Color)	4281376805 (0xFF30A025)
YUV	112.4900, -37.2166, -56.5577
Hunter-Lab	50.8956, -39.5329, 28.6305

Details

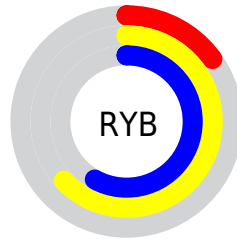
The XYZ color **14.1237, 25.9036, 6.0058** is a dark color, and the websafe version is hex **339900**. A complement of this color would be **19.4030, 10.2519, 34.2153**, and the grayscale version is **15.6581, 16.4735, 17.9396**.

A 20% lighter version of the original color is **32.9997, 53.2466, 18.4359**, and **5.2577, 10.5154, 1.7526** is the 20% darker color. If you saturate the color by 10%, you get **13.3478, 25.5273, 4.9335**, and if you desaturate by 10%, it is **15.2367, 26.4425, 7.6697**.

Distribution



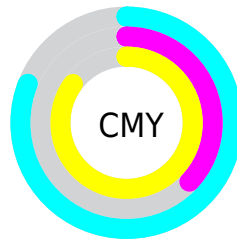
- Red (19%)
- Green (63%)
- Blue (15%)



- Red (15%)
- Yellow (63%)
- Blue (58%)



- Cyan (70%)
- Magenta (0%)
- Yellow (77%)
- Black (37%)





- Cyan (81%)
- Magenta (37%)
- Yellow (85%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 14.1237, 25.9036, 6.0058 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 14.1237, 25.9036, 6.0058 by changing the saturation by 10% instead.


 14.1237, 25.9036,
6.0058


 14.1237, 25.9036,
6.0058


211.4943,
282.3085, 168.4308


 8.2890, 16.7515,
2.7798


 32.8928, 53.1194,
18.4208


 4.3338, 10.0575,
0.9833


 46.5579, 71.9519,
28.4469

 1.8927, 5.4371,
0.0000

 63.5639, 94.7800,
41.5767

 0.5726, 2.5059,
0.0000

 84.2761, 121.9881,
58.2287

 0.0000, 0.8796,
0.0000

 109.0599,
153.9607, 78.8217

 0.0000, 0.0000,
0.0000

 138.2806,

191.0820, 103.7740

172.3036,
233.7365, 133.5042

■ 14.1237, 25.9036,
6.0058

■ 14.1237, 25.9036,
6.0058

■ 13.3478, 25.5273,
4.9335

■ 15.2367, 26.4425,
7.6697

■ 12.8646, 25.2907,
4.3473

■ 16.7176, 27.1561,
9.9917

■ 12.7572, 25.2385,
4.1991

■ 18.5961, 28.0591,
13.0315

■ 20.8979, 29.1638,
16.8413

■ 23.6469, 30.4814,
21.4689

■ 26.8649, 32.0222,
26.9579

■ 30.5727, 33.7960,
33.3488

■ 34.7893, 35.8119,
40.6798

■ 39.5332, 38.0785,
48.9867

Harmonies

Analogous

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



20.0686, 25.9036, 2.3985



14.1237, 25.9036, 6.0058



11.3714, 25.9036, 18.0962

Triad

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



14.1237, 25.9036, 6.0058



20.7774, 25.9036, 108.6349



45.1595, 25.9036, 16.4390

Complementary

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



14.1237, 25.9036, 6.0058



19.4030, 10.2519, 34.2153

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.



45.4827, 25.9036, 41.5127



14.1237, 25.9036, 6.0058



29.8136, 25.9036, 107.1280

Square

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



14.1237, 25.9036, 6.0058



14.5334, 25.9036, 81.2270



39.3415, 25.9036, 77.8671



38.5436, 25.9036, 5.4253

Rectangle

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



14.1237, 25.9036, 6.0058



11.1469, 25.9036, 34.0596



39.3415, 25.9036, 77.8671



46.0546, 25.9036, 23.0623

Sweetspot

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



14.1243, 25.9047, 6.0064



44.8395, 56.2557, 42.2166



25.3753, 28.6944, 5.9518



9.4184, 12.1387, 8.5528



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.



14.1243, 25.9047, 6.0064



23.5813, 46.0284, 8.1607



15.0224, 26.2113, 13.1149



6.6030, 7.4280, 7.0714



9.9550, 19.6687, 3.2718



0.1922, 0.3590, 0.0592

Inverse Universe

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



19.4030, 10.2519, 34.2153



33.4309, 16.1947, 61.7504



18.0180, 9.9408, 15.9515



6.8457, 6.7244, 8.3438



14.1540, 6.7257, 26.4594



0.2684, 0.1282, 0.4738

Previews

White Background



This preview shows how the XYZ color 14.1237, 25.9036, 6.0058 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 14.1237, 25.9036, 6.0058 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 14.1237, 25.9036, 6.0058

Background



This preview shows how black text looks on a background with the XYZ color 14.1237, 25.9036, 6.0058.



This preview shows how white text looks on a background with the XYZ color 14.1237, 25.9036,

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

14.1237, 25.9036, 6.0058

Protanopia

23.0109, 25.5381, 5.0830

Deuteranopia

25.9043, 25.3386, 6.4313



Tritanopia

20.4049, 25.7304, 37.6092

Trichromacy



Original Color

14.1237, 25.9036, 6.0058



Protanomaly

17.9249, 24.6959, 5.3354



Deuteranomaly

19.0487, 24.1247, 6.1352



Tritanomaly

16.9275, 25.2724, 20.5089

Monochromacy



Original Color

14.1237, 25.9036, 6.0058



Achromatopsia

15.4009, 16.2029, 17.6450



Achromatomaly

13.6098, 18.4802, 11.4441

CSS Examples

Text

The CSS property to change the color of the text to XYZ 14.1237, 25.9036, 6.0058 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, 160, 37)` looks like.

```
.text, #text, p{  
    color:rgb(48, 160, 37)  
}
```

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, 160, 37) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(48, 160, 37) }
```

Border

The CSS property to change the border of an element to XYZ 14.1237, 25.9036, 6.0058 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, 160, 37) }
```


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

```
.border{ border-color:rgb(48, 160, 37) }
```

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

Here you see how a box with a 4 pixel `rgb(48, 160, 37)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(48, 160, 37); -webkit-box-  
shadow:4px 4px 4px 4px rgb(48, 160, 37);  
box-shadow:4px 4px 4px 4px rgb(48, 160,  
37) }
```

Background

The CSS property to change the background color of an element to XYZ 14.1237, 25.9036, 6.0058 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(48, 160, 37) }
```

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

```
.background{ background-color: rgb(48, 160,  
37) }
```

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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