

Converting Colors

XYZ(14.6358, 25.6553, 6.9146)

Have a look what the booklet for
XYZ(14.6358, 25.6553, 6.9146)
contains.

XYZ(14.6034, 25.6196, 6.8647)	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(14.6034, 25.6196,
6.8647)**

Conversions

Conversions Part 1

Format	Color
Hex	3C9E2F
RGB	60, 158, 47
RGB Percent	24%, 62%, 18%
CMY	0.7647, 0.3804, 0.8157
CMYK	0.62, 0.00, 0.70, 0.38
HSL	113°, 54%, 40%
HSV	113°, 70%, 62%
XYZ	14.6034, 25.6196, 6.8647
YIQ	116.0440, -22.7770, -55.2970

Conversions

Conversions Part 2

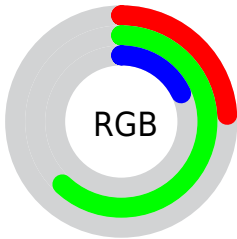
Format	Color
RYB	47, 158, 145
Decimal	3972655
CIELab	57.67, -49.76, 47.42
CIELCh	58, 68.741, 136.379
Yxy	25.6196, 0.3101, 0.5441
Android (android.graphics.Color)	4282162735 (0xFF3C9E2F)
YUV	116.0440, -34.0387, -49.1506
Hunter-Lab	50.6158, -37.0778, 27.3899

Details

The XYZ color **14.6034, 25.6196, 6.8647** is a dark color, and the websafe version is hex **339933**. A complement of this color would be **18.8667, 10.5224, 33.3858**, and the grayscale version is **16.7206, 17.5914, 19.1570**.

A 20% lighter version of the original color is **33.9064, 52.9159, 20.2311**, and **5.0516, 10.1032, 1.6839** is the 20% darker color. If you saturate the color by 10%, you get **13.6063, 25.1368, 5.4452**, and if you desaturate by 10%, it is **15.9393, 26.2653, 8.9036**.

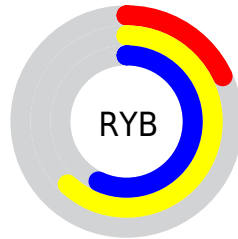
Distribution



Red (24%)

Green (62%)

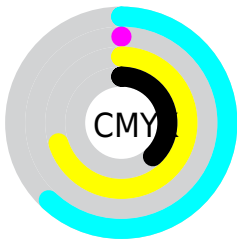
Blue (18%)



Red (18%)

Yellow (62%)

Blue (57%)

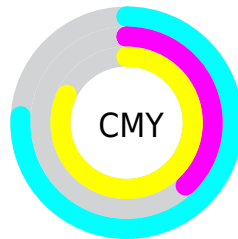


Cyan (62%)

Magenta (0%)

Yellow (70%)

Black (38%)



Cyan (76%)


Magenta (38%)


Yellow (82%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 14.6034, 25.6196, 6.8647 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 14.6034, 25.6196, 6.8647 by changing the saturation by 10% instead.


 14.6034, 25.6196,
6.8647


 14.6034, 25.6196,
6.8647


214.3893,
280.9097, 176.1227


 8.6260, 16.5393,
3.3005


 33.7333, 52.6606,
20.2087


 4.5532, 9.9066,
1.2500


 47.6165, 71.3901,
30.8256


 2.0196, 5.3370,
0.0203

 64.8658, 94.1048,
44.6304

 0.6449, 2.4463,
0.0000

 85.8464, 121.1890,
62.0417

 0.0000, 0.8496,
0.0000

 110.9236,
153.0273, 83.4781

 0.0000, 0.0000,
0.0000

 140.4630,

190.0039, 109.3580

174.8298,
232.5032, 140.1000

■ 14.6034, 25.6196,
6.8647

■ 14.6034, 25.6196,
6.8647

■ 13.6063, 25.1368,
5.4452

■ 15.9393, 26.2653,
8.9036

■ 12.9153, 24.7991,
4.5731

■ 17.6394, 27.0834,
11.6197

■ 12.4863, 24.5882,
4.0879

■ 19.7286, 28.0863,
15.0665

■ 22.2291, 29.2844,
19.2912

■ 25.1614, 30.6874,
24.3375

■ 28.5448, 32.3044,
30.2455

■ 32.3973, 34.1437,
37.0529

■ 36.7357, 36.2134,
44.7951

■ 41.5763, 38.5210,
53.5056

Harmonies

Analogous

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



20.1583, 25.6196, 3.1004



14.6034, 25.6196, 6.8647



11.9887, 25.6196, 18.5314

Triad

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



14.6034, 25.6196, 6.8647



20.8132, 25.6196, 99.1165



42.8911, 25.6196, 16.9746

Complementary

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



14.6034, 25.6196, 6.8647



18.8667, 10.5224, 33.3858

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.



43.1790, 25.6196, 39.9780



14.6034, 25.6196, 6.8647



29.0874, 25.6196, 97.8091

Square

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



14.6034, 25.6196, 6.8647



14.9894, 25.6196, 75.2005



37.6856, 25.6196, 72.2553



36.9703, 25.6196, 6.2772

Rectangle

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



14.6034, 25.6196, 6.8647



11.7737, 25.6196, 33.2353



37.6856, 25.6196, 72.2553



43.6892, 25.6196, 23.1605

Sweetspot

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



14.6040, 25.6207, 6.8653



45.0328, 55.4111, 43.0543



24.4673, 27.1806, 6.6465



9.8298, 12.3380, 9.1489



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.



14.6040, 25.6207, 6.8653



23.9665, 45.2847, 8.9200



15.1490, 25.7589, 13.3417



6.6193, 7.4364, 7.0722



10.0186, 19.7015, 3.2747



0.1975, 0.3617, 0.0594

Inverse Universe

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



18.8667, 10.5224, 33.3858



32.0597, 16.0420, 60.1501



18.3466, 10.5942, 18.0012



6.8277, 6.7151, 8.3430



13.5588, 6.4188, 26.4316



0.2620, 0.1248, 0.4735

Previews

White Background



This preview shows how the XYZ color 14.6034, 25.6196, 6.8647 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 14.6034, 25.6196, 6.8647 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 14.6034, 25.6196, 6.8647

Background



This preview shows how black text looks on a background with the XYZ color 14.6034, 25.6196, 6.8647.



This preview shows how white text looks on a background with the XYZ color 14.6034, 25.6196,

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

14.6034, 25.6196, 6.8647

Protanopia

22.8328, 25.2141, 5.8539

Deuteranopia

25.6494, 25.1859, 7.3804



Tritanopia

20.5942, 25.6143, 36.6595

Trichromacy



Original Color

14.6034, 25.6196, 6.8647

Protanomaly

18.3258, 24.4257, 6.1316

Deuteranomaly

19.5276, 24.1321, 6.9969

Tritanomaly

17.4787, 25.3010, 21.1019

Monochromacy



Original Color

14.6034, 25.6196, 6.8647

Achromatopsia

16.6002, 17.4647, 19.0191

Achromatomaly

14.8285, 19.4747, 12.8750

CSS Examples

Text

The CSS property to change the color of the text to XYZ 14.6034, 25.6196, 6.8647 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(60, 158, 47)` looks like.

```
.text, #text, p{  
    color:rgb(60, 158, 47)  
}
```

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(60, 158, 47) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(60, 158, 47) }
```

Border

The CSS property to change the border of an element to XYZ 14.6034, 25.6196, 6.8647 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(60, 158, 47) }
```


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

```
.border{ border-color:rgb(60, 158, 47) }
```

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

Here you see how a box with a 4 pixel `rgb(60, 158, 47)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(60, 158, 47); -webkit-box-  
shadow:4px 4px 4px 4px rgb(60, 158, 47);  
box-shadow:4px 4px 4px 4px rgb(60, 158,  
47) }
```

Background

The CSS property to change the background color of an element to XYZ 14.6034, 25.6196, 6.8647 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(60, 158, 47) }
```

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

```
.background{ background-color: rgb(60, 158,  
47) }
```

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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