

Converting Colors

XYZ(14.0472, 25.2374, 6.8508)

Have a look what the booklet for
XYZ(14.0472, 25.2374, 6.8508)
contains.

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Color

**XYZ(14.1052, 25.3628,
6.8414)**

Conversions

Conversions Part 1

Format	Color
Hex	339E2F
RGB	51, 158, 47
RGB Percent	20%, 62%, 18%
CMY	0.8000, 0.3804, 0.8157
CMYK	0.68, 0.00, 0.70, 0.38
HSL	118°, 54%, 40%
HSV	118°, 70%, 62%
XYZ	14.1052, 25.3628, 6.8414
YIQ	113.3530, -28.1410, -57.2050

Conversions

Conversions Part 2

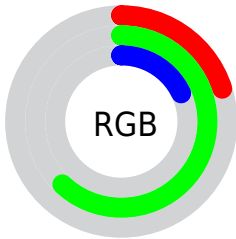
Format	Color
R_{YB}	47, 158, 154
Decimal	3382831
CIE _{Lab}	57.43, -51.78, 47.09
CIE _{LCh}	57, 69.988, 137.716
Yxy	25.3628, 0.3046, 0.5477
Android (android.graphics.Color)	4281572911 (0xFF339E2F)
YUV	113.3530, -32.7120, -54.6836
Hunter-Lab	50.3615, -38.1385, 27.1987

Details

The XYZ color **14.1052, 25.3628, 6.8414** is a dark color, and the websafe version is hex **339933**. A complement of this color would be **20.5162, 11.3727, 33.4630**, and the grayscale version is **15.9019, 16.7300, 18.2190**.

A 20% lighter version of the original color is **32.9808, 52.4387, 20.1878**, and **5.0516, 10.1032, 1.6839** is the 20% darker color. If you saturate the color by 10%, you get **13.1969, 24.9257, 5.4260**, and if you desaturate by 10%, it is **15.3815, 25.9778, 8.8775**.

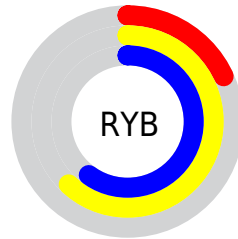
Distribution



Red (20%)

Green (62%)

Blue (18%)



Red (18%)

Yellow (62%)

Blue (60%)

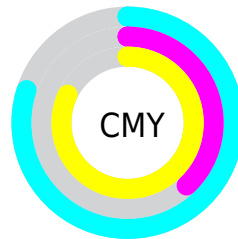


Cyan (68%)

Magenta (0%)

Yellow (70%)

Black (38%)



Cyan (80%)

Magenta (38%)

Yellow (82%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 14.1052, 25.3628, 6.8414 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 14.1052, 25.3628, 6.8414 by changing the saturation by 10% instead.

■ 14.1052, 25.3628,
6.8414

■ 14.1052, 25.3628,
6.8414

211.3818,
279.6399, 175.9199

■ 8.2761, 16.3476,
3.2862

■ 32.8603, 52.2452,
20.1608

■ 4.3254, 9.7704,
1.2425

■ 46.5169, 70.8811,
30.7621

■ 1.8878, 5.2470,
0.0140

■ 63.5135, 93.4927,
44.5492

■ 0.5697, 2.3929,
0.0000

■ 84.2152, 120.4644,
61.9406

■ 0.0000, 0.8222,
0.0000

■ 108.9876,
152.1806, 83.3548

■ 0.0000, 0.0000,
0.0000

■ 138.1959,

189.0256, 109.2104

172.2056,
231.3840, 139.9259

■ 14.1052, 25.3628,
6.8414

■ 14.1052, 25.3628,
6.8414

■ 13.1969, 24.9257,
5.4260

■ 15.3815, 25.9778,
8.8775

■ 12.6161, 24.6449,
4.5591

■ 17.0575, 26.7834,
11.5925

■ 12.2986, 24.4915,
4.0791

■ 19.1632, 27.7948,
15.0400

■ 21.7257, 29.0249,
19.2677

■ 24.7695, 30.4854,
24.3192

■ 28.3174, 32.1872,
30.2349

■ 32.3910, 34.1405,
37.0527

■ 37.0104, 36.3550,
44.8081

■ 42.1946, 38.8398,
53.5346

Harmonies

Analogous

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



19.5602, 25.3628, 2.9296



14.1052, 25.3628, 6.8414



11.6136, 25.3628, 18.9727

Triad

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



14.1052, 25.3628, 6.8414



20.8617, 25.3628, 100.8947



42.7747, 25.3628, 15.8917

Complementary

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



14.1052, 25.3628, 6.8414



20.5162, 11.3727, 33.4630

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.



43.3523, 25.3628, 38.5511



14.1052, 25.3628, 6.8414



29.3079, 25.3628, 98.2530

Square

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



14.1052, 25.3628, 6.8414



14.8683, 25.3628, 77.2481



37.9792, 25.3628, 71.3132



36.5464, 25.3628, 5.7007

Rectangle

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



14.1052, 25.3628, 6.8414



11.4781, 25.3628, 34.2330



37.9792, 25.3628, 71.3132



43.6804, 25.3628, 21.9114

Sweetspot

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



14.1058, 25.3639, 6.8420



44.2927, 55.0296, 43.0197



25.9163, 30.0785, 7.1295



9.6498, 12.2452, 9.1405



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.



14.1058, 25.3639, 6.8420



23.3271, 44.9551, 8.8901



15.5553, 25.9214, 15.4814



6.5717, 7.4119, 7.0699



9.8568, 19.6181, 3.2672



0.1820, 0.3537, 0.0587

Inverse Universe

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



20.5162, 11.3727, 33.4630



35.6532, 17.8945, 60.3183



17.8274, 10.3866, 15.2674



6.8805, 6.7424, 8.3455



15.3676, 7.3513, 26.5162



0.2813, 0.1348, 0.4744

Previews

White Background



This preview shows how the XYZ color 14.1052, 25.3628, 6.8414 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 14.1052, 25.3628, 6.8414 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 14.1052, 25.3628, 6.8414

Background



This preview shows how black text looks on a background with the XYZ color 14.1052, 25.3628, 6.8414.



This preview shows how white text looks on a background with the XYZ color 14.1052, 25.3628,

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

14.1052, 25.3628, 6.8414

Protanopia

22.5004, 24.8308, 5.7974

Deuteranopia

25.2987, 24.8067, 7.3257



Tritanopia

20.1562, 25.3885, 36.6390

Trichromacy



Original Color

14.1052, 25.3628, 6.8414



Protanomaly

17.7825, 24.1457, 6.1062



Deuteranomaly

18.7731, 23.5252, 6.9195



Tritanomaly

16.9525, 25.0297, 21.0773

Monochromacy



Original Color

14.1052, 25.3628, 6.8414



Achromatopsia

15.6958, 16.5132, 17.9829



Achromatomaly

13.8699, 18.5954, 12.3095

CSS Examples

Text

The CSS property to change the color of the text to XYZ 14.1052, 25.3628, 6.8414 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(51, 158, 47)` looks like.

```
.text, #text, p{  
    color:rgb(51, 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(51, 158, 47) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(51, 158, 47) }
```

Border

The CSS property to change the border of an element to XYZ 14.1052, 25.3628, 6.8414 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(51, 158, 47) }
```


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

```
.border{ border-color:rgb(51, 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(51, 158, 47) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(51, 158, 47); -webkit-box-  
shadow:4px 4px 4px 4px rgb(51, 158, 47);  
box-shadow:4px 4px 4px 4px rgb(51, 158,  
47) }
```

Background

The CSS property to change the background color of an element to XYZ 14.1052, 25.3628, 6.8414 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(51, 158, 47) }
```

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

```
.background{ background-color: rgb(51, 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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