

Converting Colors

XYZ(14.5397, 25.6151, 6.9145)

Have a look what the booklet for
XYZ(14.5397, 25.6151, 6.9145)
contains.

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Color

**XYZ(14.4849, 25.5585,
6.8592)**

Conversions

Conversions Part 1

Format	Color
Hex	3A9E2F
RGB	58, 158, 47
RGB Percent	23%, 62%, 18%
CMY	0.7725, 0.3804, 0.8157
CMYK	0.63, 0.00, 0.70, 0.38
HSL	114°, 54%, 40%
HSV	114°, 70%, 62%
XYZ	14.4849, 25.5585, 6.8592
YIQ	115.4460, -23.9690, -55.7210

Conversions

Conversions Part 2

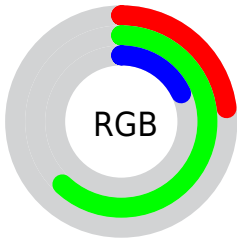
Format	Color
RYB	47, 158, 147
Decimal	3841583
CIELab	57.62, -50.24, 47.34
CIELCh	58, 69.030, 136.698
Yxy	25.5585, 0.3088, 0.5449
Android (android.graphics.Color)	4282031663 (0xFF3A9E2F)
YUV	115.4460, -33.7439, -50.3801
Hunter-Lab	50.5554, -37.3290, 27.3445

Details

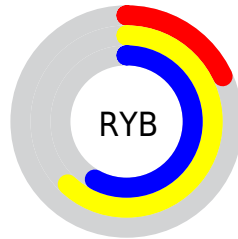
The XYZ color **14.4849, 25.5585, 6.8592** is a dark color, and the websafe version is hex **339933**. A complement of this color would be **19.2222, 10.7057, 33.4024**, and the grayscale version is **16.5367, 17.3979, 18.9463**.

A 20% lighter version of the original color is **33.6348, 52.7759, 20.2184**, and **5.0516, 10.1032, 1.6839** is the 20% darker color. If you saturate the color by 10%, you get **13.5061, 25.0850, 5.4405**, and if you desaturate by 10%, it is **15.8092, 26.1982, 8.8975**.

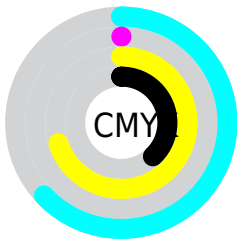
Distribution



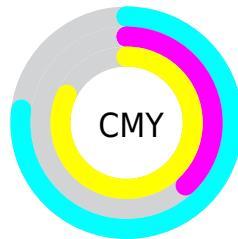
- Red (23%)
- Green (62%)
- Blue (18%)



- Red (18%)
- Yellow (62%)
- Blue (58%)



- Cyan (63%)
- Magenta (0%)
- Yellow (70%)
- Black (38%)





- Cyan (77%)
- Magenta (38%)
- Yellow (82%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 14.4849, 25.5585, 6.8592 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 14.4849, 25.5585, 6.8592 by changing the saturation by 10% instead.


 14.4849, 25.5585,
6.8592


 14.4849, 25.5585,
6.8592


213.6777,
280.6080, 176.0749


 8.5426, 16.4936,
3.2971


 33.5261, 52.5618,
20.1974


 4.4988, 9.8741,
1.2483


 47.3557, 71.2691,
30.8106

 1.9880, 5.3156,
0.0188

 64.5452, 93.9593,
44.6112

 0.6272, 2.4336,
0.0000

 85.4599, 121.0168,
62.0178

 0.0000, 0.8431,
0.0000

 110.4651,
152.8261, 83.4490

 0.0000, 0.0000,
0.0000

 139.9263,

189.7714, 109.3232

174.2087,
232.2373, 140.0590

■ 14.4849, 25.5585,
6.8592

■ 14.4849, 25.5585,
6.8592

■ 13.5061, 25.0850,
5.4405

■ 15.8092, 26.1982,
8.8975

■ 12.8383, 24.7594,
4.5696

■ 17.5055, 27.0144,
11.6136

■ 12.4352, 24.5619,
4.0855

■ 19.5999, 28.0199,
15.0605

■ 22.1154, 29.2258,
19.2860

■ 25.0736, 30.6421,
24.3335

■ 28.4942, 32.2782,
30.2433

■ 32.3960, 34.1430,
37.0531

■ 36.7966, 36.2448,
44.7982

■ 41.7129, 38.5914,
53.5122

Harmonies

Analogous

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



20.0161, 25.5585, 3.0597



14.4849, 25.5585, 6.8592



11.8995, 25.5585, 18.6343

Triad

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



14.4849, 25.5585, 6.8592



20.8242, 25.5585, 99.5301



42.8626, 25.5585, 16.7152

Complementary

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



14.4849, 25.5585, 6.8592



19.2222, 10.7057, 33.4024

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.



43.2186, 25.5585, 39.6381



14.4849, 25.5585, 6.8592



29.1386, 25.5585, 97.9105

Square

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



14.4849, 25.5585, 6.8592



14.9606, 25.5585, 75.6770



37.7536, 25.5585, 72.0308



36.8694, 25.5585, 6.1382

Rectangle

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



14.4849, 25.5585, 6.8592



11.7035, 25.5585, 33.4676



37.7536, 25.5585, 72.0308



43.6860, 25.5585, 22.8619

Sweetspot

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



14.4855, 25.5596, 6.8598



44.8667, 55.3255, 43.0465



25.0330, 28.3120, 6.8351



9.7894, 12.3171, 9.1470



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.



14.4855, 25.5596, 6.8598



23.8062, 45.2021, 8.9125



15.3056, 25.8215, 14.1664



6.6087, 7.4309, 7.0717



9.9759, 19.6795, 3.2727



0.1941, 0.3600, 0.0593

Inverse Universe

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



19.2222, 10.7057, 33.4024



32.8287, 16.4384, 60.1861



18.1325, 10.5086, 16.8742



6.8394, 6.7212, 8.3435



13.9434, 6.6171, 26.4496



0.2662, 0.1270, 0.4737

Previews

White Background



This preview shows how the XYZ color 14.4849, 25.5585, 6.8592 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 14.4849, 25.5585, 6.8592 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

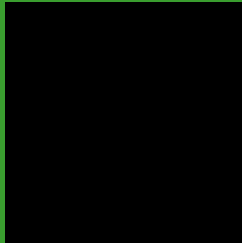
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 14.4849, 25.5585, 6.8592

Background



This preview shows how black text looks on a background with the XYZ color 14.4849, 25.5585, 6.8592.



This preview shows how white text looks on a background with the XYZ color 14.4849, 25.5585,

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

14.4849, 25.5585, 6.8592

Protanopia

22.8328, 25.2141, 5.8539

Deuteranopia

25.6494, 25.1859, 7.3804



Tritanopia

20.5041, 25.5678, 36.6553

Trichromacy



Original Color

14.4849, 25.5585, 6.8592



Protanomaly

18.1878, 24.3546, 6.1252



Deuteranomaly

19.3734, 24.0526, 6.9897



Tritanomaly

17.3999, 25.2603, 21.0982

Monochromacy



Original Color

14.4849, 25.5585, 6.8592



Achromatopsia

16.2955, 17.1441, 18.6699



Achromatomaly

14.5779, 19.3505, 12.6395

CSS Examples

Text

The CSS property to change the color of the text to XYZ 14.4849, 25.5585, 6.8592 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(58, 158, 47)` looks like.

```
.text, #text, p{  
    color:rgb(58, 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(58, 158, 47) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(58, 158, 47) }
```

Border

The CSS property to change the border of an element to XYZ 14.4849, 25.5585, 6.8592 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(58, 158, 47) }
```


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

```
.border{ border-color:rgb(58, 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(58, 158, 47) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(58, 158, 47); -webkit-box-  
shadow:4px 4px 4px 4px rgb(58, 158, 47);  
box-shadow:4px 4px 4px 4px rgb(58, 158,  
47) }
```

Background

The CSS property to change the background color of an element to XYZ 14.4849, 25.5585, 6.8592 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(58, 158, 47) }
```

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

```
.background{ background-color: rgb(58, 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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