

Converting Colors

XYZ(14.4990, 25.8334, 11.2319)

Have a look what the booklet for
XYZ(14.4990, 25.8334, 11.2319)
contains.

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Color

**XYZ(14.4308, 25.6894,
11.2192)**

Conversions

Conversions Part 1

Format	Color
Hex	239F4D
RGB	35, 159, 77
RGB Percent	14%, 62%, 30%
CMY	0.8627, 0.3765, 0.6980
CMYK	0.78, 0.00, 0.52, 0.38
HSL	140°, 64%, 38%
HSV	140°, 78%, 62%
XYZ	14.4308, 25.6894, 11.2192
YIQ	112.5760, -47.5820, -51.7900

Conversions

Conversions Part 2

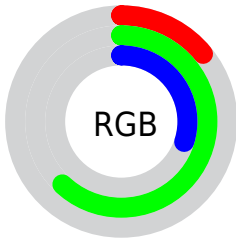
Format	Color
R_{YB}	35, 128, 159
Decimal	2334541
CIE _{Lab}	57.74, -51.11, 33.38
CIE _{LCh}	58, 61.043, 146.854
Yxy	25.6894, 0.2811, 0.5004
Android (android.graphics.Color)	4280524621 (0xFF239F4D)
YUV	112.5760, -17.5390, -68.0342
Hunter-Lab	50.6847, -37.8763, 22.3553

Details

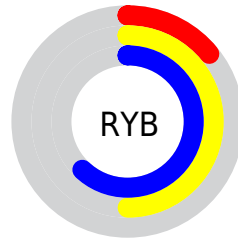
The XYZ color **14.4308, 25.6894, 11.2192** is a dark color, and the websafe version is hex **339933**. A complement of this color would be **18.1107, 9.8577, 17.7782**, and the grayscale version is **15.6313, 16.4454, 17.9090**.

A 20% lighter version of the original color is **33.5635, 52.9261, 28.8689**, and **5.3758, 10.3968, 2.8858** is the 20% darker color. If you saturate the color by 10%, you get **13.6670, 25.3358, 9.4000**, and if you desaturate by 10%, it is **15.5004, 26.1951, 13.3672**.

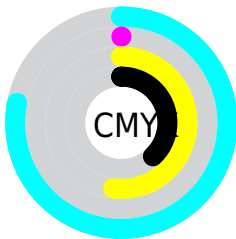
Distribution



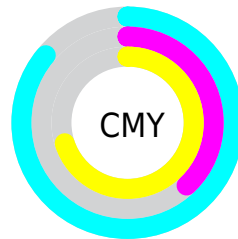
- Red (14%)
- Green (62%)
- Blue (30%)



- Red (14%)
- Yellow (50%)
- Blue (62%)



- Cyan (78%)
- Magenta (0%)
- Yellow (52%)
- Black (38%)



- Cyan (86%)
- Magenta (38%)
- Yellow (70%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 14.4308, 25.6894, 11.2192 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 14.4308, 25.6894, 11.2192 by changing the saturation by 10% instead.

■ 14.4308, 25.6894,
11.2192

■ 14.4308, 25.6894,
11.2192

213.3520,
281.2540, 209.9564

■ 8.5046, 16.5914,
6.0984

■ 33.4314, 52.7734,
28.7076

■ 4.4740, 9.9436,
2.8353

■ 47.2365, 71.5283,
41.9124

■ 1.9736, 5.3616,
1.0112

■ 64.3987, 94.2709,
58.6489

■ 0.6191, 2.4609,
0.0000

■ 85.2832, 121.3857,
79.3356

■ 0.0000, 0.8570,
0.0000

■ 110.2554,
153.2570, 104.3912

■ 0.0000, 0.0000,
0.0000

■ 139.6807,

190.2692, 134.2342

173.9245,
232.8067, 169.2831

■ 14.4308, 25.6894,
11.2192

■ 14.4308, 25.6894,
11.2192

■ 13.6670, 25.3358,
9.4000

■ 15.5004, 26.1951,
13.3672

■ 13.1518, 25.1032,
7.8902

■ 16.9059, 26.8660,
15.8577

■ 13.0611, 25.0623,
7.6216

■ 18.6756, 27.7171,
18.7059

■ 20.8343, 28.7609,
21.9253

■ 23.4044, 30.0088,
25.5287

■ 26.4067, 31.4711,
29.5285

■ 29.8605, 33.1576,
33.9363

■ 33.7838, 35.0773,
38.7633

■ 38.1937, 37.2390,
44.0204

Harmonies

Analogous

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



18.5977, 25.6894, 5.2252



14.4308, 25.6894, 11.2192



12.8918, 25.6894, 25.8179

Triad

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



14.4308, 25.6894, 11.2192



23.6530, 25.6894, 90.5673



39.2411, 25.6894, 13.4338

Complementary

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



14.4308, 25.6894, 11.2192



18.1107, 9.8577, 17.7782

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.



41.3294, 25.6894, 30.2415



14.4308, 25.6894, 11.2192



31.3389, 25.6894, 81.5112

Square

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



14.4308, 25.6894, 11.2192



17.5045, 25.6894, 77.0825



38.1912, 25.6894, 56.2899



32.9450, 25.6894, 5.9817

Rectangle

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



14.4308, 25.6894, 11.2192



13.2764, 25.6894, 41.3539



38.1912, 25.6894, 56.2899



40.5068, 25.6894, 17.8409

Sweetspot

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



14.4314, 25.6904, 11.2198



44.2618, 54.8837, 48.8877



20.1283, 28.7470, 6.0780



9.5765, 12.1777, 10.4801



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.



14.4314, 25.6904, 11.2198



23.7419, 45.0412, 14.6799



17.7036, 26.9993, 28.4508



6.6388, 7.4363, 7.5327



10.3336, 19.8014, 6.1138



0.2035, 0.3615, 0.2079

Inverse Universe

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



18.1107, 9.8577, 17.7782



30.5346, 15.3900, 26.4770



15.6054, 8.8556, 4.5857



6.8086, 6.7164, 7.8431



13.3329, 6.6377, 11.2699



0.2574, 0.1263, 0.3013

Previews

White Background



This preview shows how the XYZ color 14.4308, 25.6894, 11.2192 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 14.4308, 25.6894, 11.2192 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 14.4308, 25.6894, 11.2192

Background



This preview shows how black text looks on a background with the XYZ color 14.4308, 25.6894, 11.2192.



This preview shows how white text looks on a background with the XYZ color 14.4308, 25.6894,

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

14.4308, 25.6894, 11.2192

Protanopia

23.1429, 25.2946, 9.4569

Deuteranopia

25.6529, 25.0882, 11.8780



Tritanopia

19.8822, 25.6865, 38.0925

Trichromacy



Original Color

14.4308, 25.6894, 11.2192



Protanomaly

17.7882, 24.2900, 10.0542



Deuteranomaly

18.6178, 23.5658, 11.3520



Tritanomaly

17.1753, 25.2910, 25.4492

Monochromacy



Original Color

14.4308, 25.6894, 11.2192



Achromatopsia

15.6958, 16.5132, 17.9829



Achromatomaly

14.0292, 18.8167, 14.9492

CSS Examples

Text

The CSS property to change the color of the text to XYZ 14.4308, 25.6894, 11.2192 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(35, 159, 77)` looks like.

```
.text, #text, p{  
    color:rgb(35, 159, 77)  
}
```

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(35, 159, 77) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(35, 159, 77) }
```

Border

The CSS property to change the border of an element to XYZ 14.4308, 25.6894, 11.2192 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(35, 159, 77) }
```


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

```
.border{ border-color:rgb(35, 159, 77) }
```

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

Here you see how a box with a 4 pixel rgb(35, 159, 77) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(35, 159, 77); -webkit-box-  
shadow:4px 4px 4px 4px rgb(35, 159, 77);  
box-shadow:4px 4px 4px 4px rgb(35, 159,  
77) }
```

Background

The CSS property to change the background color of an element to XYZ 14.4308, 25.6894, 11.2192 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(35, 159, 77) }
```

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

```
.background{ background-color: rgb(35, 159,  
77) }
```

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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