

Converting Colors

XYZ(14.3710, 25.7266, 8.2279)

Have a look what the booklet for
XYZ(14.3710, 25.7266, 8.2279)
contains.

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Color

**XYZ(14.3808, 25.7301,
8.2115)**

Conversions

Conversions Part 1

Format	Color
Hex	309F3A
RGB	48, 159, 58
RGB Percent	19%, 62%, 23%
CMY	0.8118, 0.3765, 0.7725
CMYK	0.70, 0.00, 0.64, 0.38
HSL	125°, 54%, 41%
HSV	125°, 70%, 62%
XYZ	14.3808, 25.7301, 8.2115
YIQ	114.2970, -33.7350, -54.9430

Conversions

Conversions Part 2

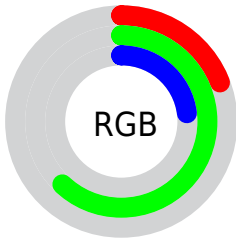
Format	Color
RYB	48, 150, 159
Decimal	3186490
CIELab	57.78, -51.59, 42.71
CIElCh	58, 66.971, 140.379
Yxy	25.7301, 0.2976, 0.5325
Android (android.graphics.Color)	4281376570 (0xFF309F3A)
YUV	114.2970, -27.7544, -58.1425
Hunter-Lab	50.7248, -38.1627, 25.9093

Details

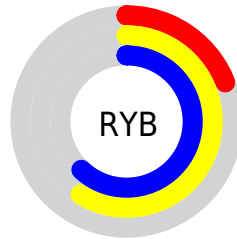
The XYZ color **14.3808, 25.7301, 8.2115** is a dark color, and the websafe version is hex **339933**. A complement of this color would be **20.7805, 11.6552, 29.5886**, and the grayscale version is **16.1722, 17.0144, 18.5287**.

A 20% lighter version of the original color is **33.3674, 52.9562, 22.9309**, and **5.1540, 10.3081, 1.7180** is the 20% darker color. If you saturate the color by 10%, you get **13.4434, 25.2843, 6.5092**, and if you desaturate by 10%, it is **15.6917, 26.3580, 10.4723**.

Distribution



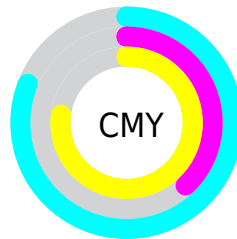
- Red (19%)
- Green (62%)
- Blue (23%)



- Red (19%)
- Yellow (59%)
- Blue (62%)



- Cyan (70%)
- Magenta (0%)
- Yellow (64%)
- Black (38%)



- Cyan (81%)
- Magenta (38%)
- Yellow (77%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 14.3808, 25.7301, 8.2115 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 14.3808, 25.7301, 8.2115 by changing the saturation by 10% instead.

■ 14.3808, 25.7301,
8.2115

■ 14.3808, 25.7301,
8.2115

213.0506,
281.4546, 187.3777

■ 8.4695, 16.6218,
4.1409

■ 33.3438, 52.8392,
22.9250

■ 4.4511, 9.9652,
1.7029

■ 47.1263, 71.6088,
34.4050

■ 1.9604, 5.3759,
0.3627

■ 64.2631, 94.3677,
49.1918

■ 0.6116, 2.4695,
0.0000

■ 85.1196, 121.5002,
67.7040

■ 0.0000, 0.8613,
0.0000

■ 110.0613,
153.3908, 90.3602

■ 0.0000, 0.0000,
0.0000

■ 139.4535,

190.4238, 117.5788

173.6615,
232.9836, 149.7785

■ 14.3808, 25.7301,
8.2115

■ 14.3808, 25.7301,
8.2115

■ 13.4434, 25.2843,
6.5092

■ 15.6917, 26.3580,
10.4723

■ 12.8384, 24.9982,
5.3153

■ 17.4080, 27.1812,
13.3327

■ 12.4858, 24.8325,
4.5723

■ 19.5601, 28.2155,
16.8317

■ 12.4801, 24.8298,
4.5621

■ 22.1753, 29.4740,
21.0048

■ 25.2783, 30.9689,
25.8847

■ 28.8923, 32.7114,
31.5020

■ 33.0390, 34.7120,
37.8855

■ 37.7386, 36.9808,
45.0626

■ 43.0106, 39.5271,
53.0592

Harmonies

Analogous

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



19.4604, 25.7301, 3.6399



14.3808, 25.7301, 8.2115



12.1666, 25.7301, 21.2519

Triad

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



14.3808, 25.7301, 8.2115



21.9632, 25.7301, 98.2046



41.9862, 25.7301, 15.2595

Complementary

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



14.3808, 25.7301, 8.2115



20.7805, 11.6552, 29.5886

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.



43.0703, 25.7301, 36.0810



14.3808, 25.7301, 8.2115



30.2400, 25.7301, 93.3330

Square

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



14.3808, 25.7301, 8.2115



15.8668, 25.7301, 77.7895



38.3915, 25.7301, 66.7673



35.6909, 25.7301, 5.8856

Rectangle

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



14.3808, 25.7301, 8.2115



12.1889, 25.7301, 36.7672



38.3915, 25.7301, 66.7673



43.0186, 25.7301, 20.7764

Sweetspot

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



14.3814, 25.7312, 8.2121



44.3267, 55.0060, 44.8804



25.4644, 31.4712, 7.5289



9.6582, 12.2395, 9.5924



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.



14.3814, 25.7312, 8.2121



23.3804, 44.9511, 10.3148



16.5843, 26.6123, 19.8124



6.5738, 7.4103, 7.1904



9.8643, 19.6136, 3.6422



0.1826, 0.3532, 0.0981

Inverse Universe

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



20.7805, 11.6552, 29.5886



35.5465, 18.0490, 50.8523



17.3874, 10.2979, 11.7204



6.8784, 6.7443, 8.2106



15.3179, 7.4317, 21.7226



0.2807, 0.1356, 0.4241

Previews

White Background



This preview shows how the XYZ color 14.3808, 25.7301, 8.2115 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 14.3808, 25.7301, 8.2115 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 14.3808, 25.7301, 8.2115

Background



This preview shows how black text looks on a background with the XYZ color 14.3808, 25.7301, 8.2115.



This preview shows how white text looks on a background with the XYZ color 14.3808, 25.7301,

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

14.3808, 25.7301, 8.2115

Protanopia

23.0347, 25.2949, 6.9172

Deuteranopia

25.7070, 25.1839, 8.8163



Tritanopia

20.3224, 25.6878, 37.6054

Trichromacy



Original Color

14.3808, 25.7301, 8.2115



Protanomaly

18.0150, 24.4689, 7.2635



Deuteranomaly

19.0545, 23.8555, 8.4508



Tritanomaly

17.3441, 25.4310, 23.0633

Monochromacy



Original Color

14.3808, 25.7301, 8.2115



Achromatopsia

15.9940, 16.8269, 18.3245



Achromatomaly

14.2195, 18.9471, 13.4974

CSS Examples

Text

The CSS property to change the color of the text to XYZ 14.3808, 25.7301, 8.2115 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, 159, 58)` looks like.

```
.text, #text, p{  
    color:rgb(48, 159, 58)  
}
```

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, 159, 58) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(48, 159, 58) }
```

Border

The CSS property to change the border of an element to XYZ 14.3808, 25.7301, 8.2115 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, 159, 58) }
```


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

```
.border{ border-color:rgb(48, 159, 58) }
```

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

Here you see how a box with a 4 pixel rgb(48, 159, 58) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(48, 159, 58); -webkit-box-  
shadow:4px 4px 4px 4px rgb(48, 159, 58);  
box-shadow:4px 4px 4px 4px rgb(48, 159,  
58) }
```

Background

The CSS property to change the background color of an element to XYZ 14.3808, 25.7301, 8.2115 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(48, 159, 58) }
```

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

```
.background{ background-color: rgb(48, 159,  
58) }
```

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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