

Converting Colors

XYZ(14.7907, 25.0698, 8.2124)

Have a look what the booklet for
XYZ(14.7907, 25.0698, 8.2124)
contains.

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Color

**XYZ(14.8579, 25.2165,
8.2219)**

Conversions

Conversions Part 1

Format	Color
Hex	419C3B
RGB	65, 156, 59
RGB Percent	25%, 61%, 23%
CMY	0.7451, 0.3882, 0.7686
CMYK	0.58, 0.00, 0.62, 0.39
HSL	116°, 45%, 42%
HSV	116°, 62%, 61%
XYZ	14.8579, 25.2165, 8.2219
YIQ	117.7330, -23.0990, -49.4590

Conversions

Conversions Part 2

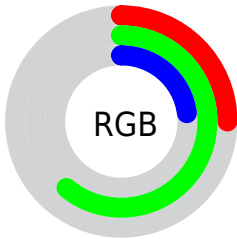
Format	Color
RYB	59, 156, 150
Decimal	4299835
CIELab	57.29, -46.54, 41.82
CIELCh	57, 62.570, 138.058
Yxy	25.2165, 0.3076, 0.5221
Android (android.graphics.Color)	4282489915 (0xFF419C3B)
YUV	117.7330, -28.9554, -46.2468
Hunter-Lab	50.2160, -35.0635, 25.4436

Details

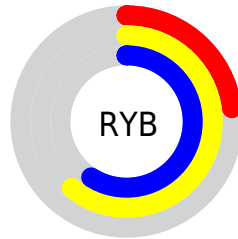
The XYZ color **14.8579, 25.2165, 8.2219** is a dark color, and the websafe version is hex **339933**. A complement of this color would be **20.1437, 12.0131, 32.7108**, and the grayscale version is **17.2298, 18.1271, 19.7404**.

A 20% lighter version of the original color is **34.1348, 51.8519, 22.9612**, and **4.9668, 9.9072, 1.7367** is the 20% darker color. If you saturate the color by 10%, you get **13.6659, 24.6427, 6.3607**, and if you desaturate by 10%, it is **16.4231, 25.9702, 10.7328**.

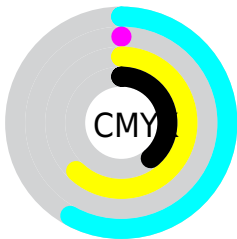
Distribution



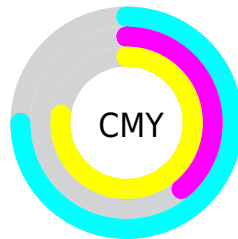
- Red (25%)
- Green (61%)
- Blue (23%)



- Red (23%)
- Yellow (61%)
- Blue (59%)



- Cyan (58%)
- Magenta (0%)
- Yellow (62%)
- Black (39%)



- Cyan (75%)
- Magenta (39%)
- Yellow (77%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 14.8579, 25.2165, 8.2219 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 14.8579, 25.2165, 8.2219 by changing the saturation by 10% instead.

■ 14.8579, 25.2165,
8.2219

■ 14.8579, 25.2165,
8.2219

215.9100,
278.9144, 187.4614

■ 8.8054, 16.2384,
4.1475

■ 34.1774, 52.0082,
22.9456

■ 4.6705, 9.6930,
1.7066

■ 48.1751, 70.5907,
34.4320

■ 2.0880, 5.1959,
0.3652

■ 65.5519, 93.1434,
49.2261

■ 0.6827, 2.3627,
0.0000

■ 86.6732, 120.0507,
67.7465

■ 0.0000, 0.8066,
0.0000

■ 111.9043,
151.6971, 90.4116

■ 0.0000, 0.0000,
0.0000

■ 141.6105,

188.4669, 117.6402

176.1573,
230.7446, 149.8506

■ 14.8579, 25.2165,
8.2219

■ 14.8579, 25.2165,
8.2219

■ 13.6659, 24.6427,
6.3607

■ 16.4231, 25.9702,
10.7328

■ 12.8144, 24.2310,
5.0879

■ 18.3872, 26.9137,
13.9442

■ 12.2678, 23.9654,
4.3336

■ 20.7757, 28.0598,
17.9034

■ 12.0097, 23.8401,
3.9686

■ 23.6114, 29.4195,
22.6535

■ 26.9156, 31.0028,
28.2342

■ 30.7081, 32.8191,
34.6824

■ 35.0077, 34.8774,
42.0330

■ 39.8321, 37.1860,
50.3188

■ 45.1982, 39.7531,
59.5711

Harmonies

Analogous

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



19.8181, 25.2165, 4.0691



14.8579, 25.2165, 8.2219



12.5593, 25.2165, 19.8519

Triad

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



14.8579, 25.2165, 8.2219



21.1397, 25.2165, 89.8187



40.2184, 25.2165, 16.6541

Complementary

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



14.8579, 25.2165, 8.2219



20.1437, 12.0131, 32.7108

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.



40.7764, 25.2165, 36.7906



14.8579, 25.2165, 8.2219



28.6591, 25.2165, 87.3590

Square

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



14.8579, 25.2165, 8.2219



15.6530, 25.2165, 70.3439



36.1988, 25.2165, 64.7373



34.8026, 25.2165, 6.9198

Rectangle

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



14.8579, 25.2165, 8.2219



12.4507, 25.2165, 33.5805



36.1988, 25.2165, 64.7373



41.0157, 25.2165, 22.1263

Sweetspot

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



14.8585, 25.2176, 8.2225



44.4775, 54.1961, 43.8286



25.3328, 29.0490, 8.4099



9.4534, 11.7656, 9.0824



74.8435, 78.7412, 85.7492



12.6291, 13.2868, 14.4694

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



14.8585, 25.2176, 8.2225



24.0819, 44.3998, 10.4327



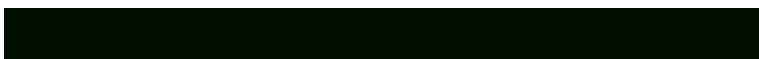
16.0435, 25.6481, 16.4263



6.5868, 7.4197, 7.0706



9.9030, 19.6419, 3.2693



0.1869, 0.3563, 0.0589

Inverse Universe

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



20.1437, 12.0131, 32.7108



34.4697, 18.2681, 58.8361



18.3105, 11.4107, 17.1480



6.8636, 6.7337, 8.3447



14.7695, 7.0430, 26.4882



0.2750, 0.1316, 0.4741

Previews

White Background



This preview shows how the XYZ color 14.8579, 25.2165, 8.2219 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 14.8579, 25.2165, 8.2219 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 14.8579, 25.2165, 8.2219

Background



This preview shows how black text looks on a background with the XYZ color 14.8579, 25.2165, 8.2219.



This preview shows how white text looks on a background with the XYZ color 14.8579, 25.2165,

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

14.8579, 25.2165, 8.2219

Protanopia

22.5372, 24.8238, 6.9718

Deuteranopia

25.1442, 24.6953, 8.7516



Tritanopia

20.3809, 25.0526, 36.1092

Trichromacy



Original Color

14.8579, 25.2165, 8.2219

Protanomaly

18.4086, 24.2154, 7.3182

Deuteranomaly

19.5181, 23.6607, 8.3887

Tritanomaly

17.6436, 24.8801, 22.2848

Monochromacy



Original Color

14.8579, 25.2165, 8.2219

Achromatopsia

17.2197, 18.1164, 19.7288

Achromatomaly

15.5545, 20.0182, 14.3534

CSS Examples

Text

The CSS property to change the color of the text to XYZ 14.8579, 25.2165, 8.2219 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(65, 156, 59)` looks like.

```
.text, #text, p{  
    color:rgb(65, 156, 59)  
}
```

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(65, 156, 59) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(65, 156, 59) }
```

Border

The CSS property to change the border of an element to XYZ 14.8579, 25.2165, 8.2219 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(65, 156, 59) }
```


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

```
.border{ border-color:rgb(65, 156, 59) }
```

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

Here you see how a box with a 4 pixel `rgb(65, 156, 59)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(65, 156, 59); -webkit-box-  
shadow:4px 4px 4px 4px rgb(65, 156, 59);  
box-shadow:4px 4px 4px 4px rgb(65, 156,  
59) }
```

Background

The CSS property to change the background color of an element to XYZ 14.8579, 25.2165, 8.2219 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(65, 156, 59) }
```

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

```
.background{ background-color: rgb(65, 156,  
59) }
```

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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