

Converting Colors

XYZ(25.0810, 34.1485, 5.9450)

Have a look what the booklet for
XYZ(25.0810, 34.1485, 5.9450)
contains.

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Color

**XYZ(25.1485, 34.2889,
5.9548)**

Conversions

Conversions Part 1

Format	Color
Hex	8BAA14
RGB	139, 170, 20
RGB Percent	55%, 67%, 8%
CMY	0.4549, 0.3333, 0.9215
CMYK	0.18, 0.00, 0.88, 0.33
HSL	72°, 79%, 37%
HSV	72°, 88%, 67%
XYZ	25.1485, 34.2889, 5.9548
YIQ	143.6310, 29.6740, -53.2220

Conversions

Conversions Part 2

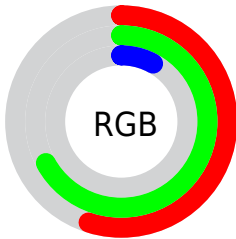
Format	Color
RYB	20, 170, 51
Decimal	9153044
CIELab	65.19, -28.97, 64.07
CIELCh	65, 70.314, 114.331
Yxy	34.2889, 0.3846, 0.5244
Android (android.graphics.Color)	4287343124 (0xFF8BAA14)
YUV	143.6310, -60.9501, -4.0614
Hunter-Lab	58.5567, -25.8134, 34.9603

Details

The XYZ color **25.1485, 34.2889, 5.9548** is a dark color, and the websafe version is hex **669900**. A complement of this color would be **8.8724, 4.1073, 38.3573**, and the grayscale version is **26.5909, 27.9757, 30.4655**.

A 20% lighter version of the original color is **51.2515, 66.2107, 18.2623**, and **10.1346, 14.8417, 2.3306** is the 20% darker color. If you saturate the color by 10%, you get **24.4620, 33.9488, 5.3499**, and if you desaturate by 10%, it is **25.9533, 34.6809, 7.0774**.

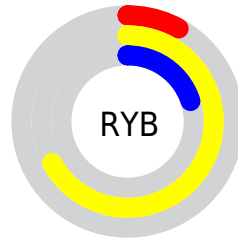
Distribution



Red (55%)

Green (67%)

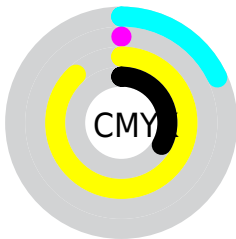
Blue (8%)



Red (8%)

Yellow (67%)

Blue (20%)

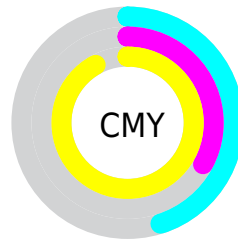


Cyan (18%)

Magenta (0%)

Yellow (88%)

Black (33%)



Cyan (45%)


Magenta (33%)


Yellow (92%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 25.1485, 34.2889, 5.9548 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 25.1485, 34.2889, 5.9548 by changing the saturation by 10% instead.


 25.1485, 34.2889,
5.9548

 25.1485, 34.2889,
5.9548


270.9107,
321.4183, 167.9591


 16.3170, 23.1156,
2.7493


 51.3392, 66.3827,
18.3131


 9.8411, 14.6789,
0.9681


 69.4291, 88.0720,
28.3029

 5.3552, 8.5943,
0.0000


 91.3360, 114.0354,
41.3912

 2.4940, 4.4776,
0.0000

 117.4250,
144.6574, 57.9965

 0.8922, 1.9441,
0.0000

 148.0617,
180.3222, 78.5374

 0.0000, 0.5747,
0.0000

 183.6113,

 0.0000, 0.0000,

221.4144, 103.4325

0.0000

224.4391,
268.3183, 133.1002

■ 25.1485, 34.2889,
5.9548

■ 25.1485, 34.2889,
5.9548

■ 24.4620, 33.9488,
5.3499

■ 25.9533, 34.6809,
7.0774

■ 24.3452, 33.8905,
5.2584

■ 26.9006, 35.1309,
8.8546

■ 28.0067, 35.6467,
11.3676

■ 29.2849, 36.2335,
14.6854

■ 30.7468, 36.8960,
18.8691

■ 32.4031, 37.6387,
23.9737

■ 34.2637, 38.4652,
30.0498

■ 36.3374, 39.3794,
37.1444

■ 38.6329, 40.3846,
45.3011

Harmonies

Analogous

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



34.5698, 34.2889, 4.6713



25.1485, 34.2889, 5.9548



19.0948, 34.2889, 13.1999

Triad

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



25.1485, 34.2889, 5.9548



22.4255, 34.2889, 104.2279



56.3076, 34.2889, 43.1725

Complementary

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



25.1485, 34.2889, 5.9548



8.8724, 4.1073, 38.3573

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.



51.2962, 34.2889, 80.6864



25.1485, 34.2889, 5.9548



30.6883, 34.2889, 125.9653

Square

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



25.1485, 34.2889, 5.9548



17.7681, 34.2889, 65.6421



41.3726, 34.2889, 115.6392



53.9670, 34.2889, 18.6215

Rectangle

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



25.1485, 34.2889, 5.9548



17.0994, 34.2889, 24.1083



41.3726, 34.2889, 115.6392



55.3998, 34.2889, 54.6840

Sweetspot

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



25.1493, 34.2904, 5.9555



59.3552, 68.5403, 45.3033



17.8458, 10.8790, 1.8216



12.9976, 15.1782, 9.3434



82.5889, 86.8899, 94.6231



15.4596, 16.2647, 17.7123

Same Dimension

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



25.1493, 34.2904, 5.9555



43.9844, 61.3922, 9.5317



16.6824, 29.9256, 5.5593



7.9928, 8.6944, 8.0462



17.9546, 24.9532, 3.8701



0.4741, 0.6263, 0.0959

Inverse Universe

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



8.8724, 4.1073, 38.3573



14.2850, 5.8434, 69.3769



15.9647, 7.7635, 38.6893



7.2713, 7.3725, 9.4581



5.8896, 2.4196, 28.1321



0.1826, 0.0792, 0.6863

Previews

White Background



This preview shows how the XYZ color 25.1485, 34.2889, 5.9548 looks on a white background.

Color Contrast Check

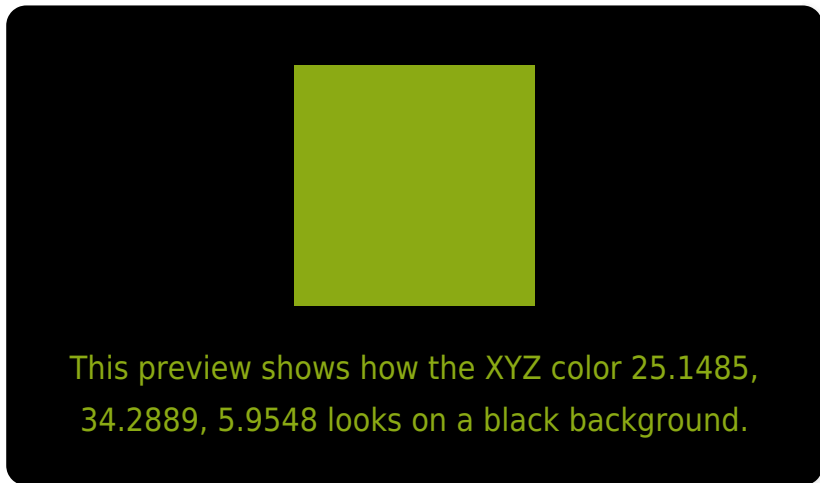
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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 ✓ Pass

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

XYZ 25.1485, 34.2889, 5.9548

Background



This preview shows how black text looks on a background with the XYZ color 25.1485, 34.2889, 5.9548.



This preview shows how white text looks on a background with the XYZ color 25.1485, 34.2889,

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

25.1485, 34.2889, 5.9548

Protanopia

30.6805, 33.9561, 5.4274

Deuteranopia

34.7629, 34.0762, 6.3353



Tritanopia

32.7144, 34.1663, 43.3986

Trichromacy



Original Color

25.1485, 34.2889, 5.9548

Protanomaly

28.3313, 33.7736, 5.5561

Deuteranomaly

30.4228, 33.5548, 6.1016

Tritanomaly

28.2855, 33.3975, 21.4786

Monochromacy



Original Color

25.1485, 34.2889, 5.9548

Achromatopsia

26.5089, 27.8894, 30.3716

Achromatomaly

24.7987, 29.4341, 16.1787

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.1485, 34.2889, 5.9548 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(139, 170, 20)` looks like.

```
.text, #text, p{  
    color:rgb(139, 170, 20)  
}
```

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(139, 170, 20) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(139, 170, 20) }
```

Border

The CSS property to change the border of an element to XYZ 25.1485, 34.2889, 5.9548 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(139, 170, 20) }
```


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

```
.border{ border-color:rgb(139, 170, 20) }
```

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

Here you see how a box with a 4 pixel `rgb(139, 170, 20)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(139, 170, 20); -webkit-box-  
shadow:4px 4px 4px 4px rgb(139, 170, 20);  
box-shadow:4px 4px 4px 4px rgb(139, 170,  
20) }
```

Background

The CSS property to change the background color of an element to XYZ 25.1485, 34.2889, 5.9548 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(139, 170, 20) }
```

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

```
.background{ background-color: rgb(139,  
170, 20) }
```

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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