

Converting Colors

XYZ(25.6701, 34.8831, 4.3292)

Have a look what the booklet for
XYZ(25.6701, 34.8831, 4.3292)
contains.

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Color

**XYZ(25.8906, 34.9655,
5.3844)**

Conversions

Conversions Part 1

Format	Color
Hex	8FAB00
RGB	143, 171, 0
RGB Percent	56%, 67%, 0%
CMY	0.4392, 0.3294, 0.9999
CMYK	0.16, 0.00, 1.00, 0.33
HSL	70°, 100%, 34%
HSV	70°, 100%, 67%
XYZ	25.8906, 34.9655, 5.3844
YIQ	143.1340, 38.2030, -59.1170

Conversions

Conversions Part 2

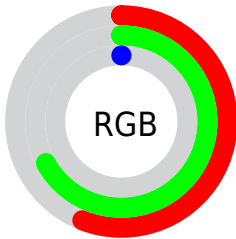
Format	Color
RYB	0, 171, 28
Decimal	9415424
CIELab	65.72, -28.13, 67.49
CIELCh	66, 73.117, 112.627
Yxy	34.9655, 0.3909, 0.5279
Android (android.graphics.Color)	4287605504 (0xFF8FAB00)
YUV	143.1340, -70.5651, -0.1175
Hunter-Lab	59.1316, -25.3247, 35.9933

Details

The XYZ color **25.8906, 34.9655, 5.3844** is a dark color, and the websafe version is hex **669900**. A complement of this color would be **7.8307, 3.1879, 38.7329**, and the grayscale version is **26.4261, 27.8023, 30.2767**.

A 20% lighter version of the original color is **52.3203, 67.1939, 17.0496**, and **10.5273, 15.2199, 2.3829** is the 20% darker color. If you saturate the color by 10%, you get **25.8909, 34.9668, 5.3847**, and if you desaturate by 10%, it is **26.4844, 35.2610, 5.9452**.

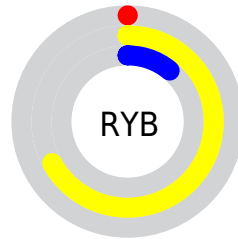
Distribution



Red (56%)

Green (67%)

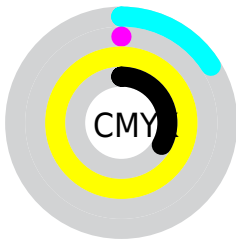
Blue (0%)



Red (0%)

Yellow (67%)

Blue (11%)

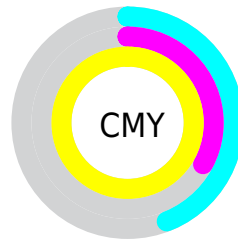


Cyan (16%)

Magenta (0%)

Yellow (100%)

Black (33%)



Cyan (44%)

Magenta (33%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 25.8906, 34.9655, 5.3844 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 25.8906, 34.9655, 5.3844 by changing the saturation by 10% instead.

■ 25.8906, 34.9655,
5.3844

■ 25.8906, 34.9655,
5.3844

274.5112,
324.4160, 162.5545

■ 16.8741, 23.6363,
2.4119

■ 52.5310, 67.4323,
17.0942

■ 10.2395, 15.0640,
0.7929

■ 70.8855, 89.3387,
26.6685

■ 5.6215, 8.8643,
0.0000

■ 93.0834, 115.5397,
39.2805

■ 2.6548, 4.6528,
0.0000

■ 119.4901,
146.4195, 55.3487

■ 0.9740, 2.0450,
0.0000

■ 150.4708,
182.3627, 75.2917

■ 0.0000, 0.6334,
0.0000

■ 186.3910,

■ 0.0000, 0.0000,

223.7536, 99.5279

0.0000

227.6160,
270.9765, 128.4760

25.8906, 34.9655,
5.3844

25.8906, 34.9655,
5.3844

25.8909, 34.9668,
5.3847

26.4844, 35.2610,
5.9452

27.1773, 35.5963,
6.9681

28.0054, 35.9871,
8.6388

28.9849, 36.4398,
11.0417

30.1293, 36.9600,
14.2485

■ 31.4508, 37.5525,
18.3223

■ 32.9602, 38.2216,
23.3200

■ 34.6676, 38.9713,
29.2937

■ 36.5821, 39.8053,
36.2916

Harmonies

Analogous

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



35.9609, 34.9655, 4.3530



25.8906, 34.9655, 5.3844



19.3510, 34.9655, 12.2372

Triad

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



25.8906, 34.9655, 5.3844



22.1879, 34.9655, 107.2672



58.2727, 34.9655, 46.1956

Complementary

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



25.8906, 34.9655, 5.3844



7.8307, 3.1879, 38.7329

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.



52.5422, 34.9655, 86.5709



25.8906, 34.9655, 5.3844



30.6479, 34.9655, 132.2905

Square

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



25.8906, 34.9655, 5.3844



17.5575, 34.9655, 65.7293



41.8484, 34.9655, 123.1674



56.2297, 34.9655, 19.5185

Rectangle

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



25.8906, 34.9655, 5.3844



17.1370, 34.9655, 22.9744



41.8484, 34.9655, 123.1674



57.1559, 34.9655, 58.6531

Sweetspot

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



25.8914, 34.9671, 5.3851



58.8722, 68.3808, 41.2363



17.1576, 9.3824, 0.9071



12.8743, 15.1367, 8.3412



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.



25.8914, 34.9671, 5.3851



46.2135, 62.5413, 9.6360



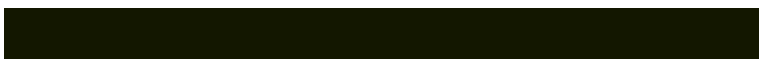
16.4189, 30.0839, 4.9418



8.5320, 9.2628, 8.5516



19.5543, 26.3777, 4.0608



0.5777, 0.7512, 0.1145

Inverse Universe

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



7.8307, 3.1879, 38.7329



13.9040, 5.6470, 69.3590



13.9267, 6.3305, 39.0182



7.6966, 7.8179, 10.0560



5.9334, 2.4187, 29.1986



0.2012, 0.0859, 0.8140

Previews

White Background



This preview shows how the XYZ color 25.8906, 34.9655, 5.3844 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



This preview shows how the XYZ color 25.8906, 34.9655, 5.3844 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 ✓ Pass

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

XYZ 25.8906, 34.9655, 5.3844

Background



This preview shows how black text looks on a background with the XYZ color 25.8906, 34.9655, 5.3844.



This preview shows how white text looks on a background with the XYZ color 25.8906, 34.9655,

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

25.8906, 34.9655, 5.3844

Protanopia

31.3932, 34.8449, 5.0711

Deuteranopia

35.3883, 34.6445, 6.0502



Tritanopia

33.7492, 34.9429, 43.9956

Trichromacy



Original Color

25.8906, 34.9655, 5.3844

Protanomaly

29.2118, 34.7664, 5.1710

Deuteranomaly

31.1668, 34.2040, 5.5755

Tritanomaly

28.8064, 33.9739, 19.5074

Monochromacy



Original Color

25.8906, 34.9655, 5.3844

Achromatopsia

26.1081, 27.4677, 29.9124

Achromatomaly

24.6073, 29.3774, 14.2710

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.8906, 34.9655, 5.3844 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(143, 171, 0)` looks like.

```
.text, #text, p{  
    color:rgb(143, 171, 0)  
}
```

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(143, 171, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(143, 171, 0) }
```

Border

The CSS property to change the border of an element to XYZ 25.8906, 34.9655, 5.3844 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(143, 171, 0) }
```


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

```
.border{ border-color:rgb(143, 171, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(143, 171, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(143, 171, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(143, 171, 0);  
box-shadow:4px 4px 4px 4px rgb(143, 171,  
0) }
```

Background

The CSS property to change the background color of an element to XYZ 25.8906, 34.9655, 5.3844 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(143, 171, 0) }
```

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

```
.background{ background-color: rgb(143,  
171, 0) }
```

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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