

Converting Colors

XYZ(26.2831, 34.6067, 15.9668)

Have a look what the booklet for
XYZ(26.2831, 34.6067, 15.9668)
contains.

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Color

**XYZ(26.2266, 34.6259,
15.8909)**

Conversions

Conversions Part 1

Format	Color
Hex	86AA5E
RGB	134, 170, 94
RGB Percent	53%, 67%, 37%
CMY	0.4745, 0.3333, 0.6314
CMYK	0.21, 0.00, 0.45, 0.33
HSL	88°, 31%, 52%
HSV	88°, 45%, 67%
XYZ	26.2266, 34.6259, 15.8909
YIQ	150.5720, 2.9400, -31.2680

Conversions

Conversions Part 2

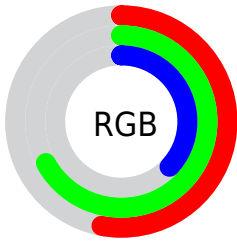
Format	Color
RYB	94, 170, 130
Decimal	8825438
CIELab	65.46, -25.59, 35.14
CIELCh	65, 43.472, 126.061
Yxy	34.6259, 0.3417, 0.4512
Android (android.graphics.Color)	4287015518 (0xFF86AA5E)
YUV	150.5720, -27.8900, -14.5336
Hunter-Lab	58.8438, -23.4194, 25.1792

Details

The XYZ color **26.2266, 34.6259, 15.8909** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **20.4658, 15.6546, 39.9751**, and the grayscale version is **29.3477, 30.8761, 33.6240**.

A 20% lighter version of the original color is **53.0998, 66.7446, 37.2785**, and **10.4318, 14.9402, 4.8166** is the 20% darker color. If you saturate the color by 10%, you get **24.3114, 33.7183, 12.2485**, and if you desaturate by 10%, it is **28.4094, 35.6542, 20.4243**.

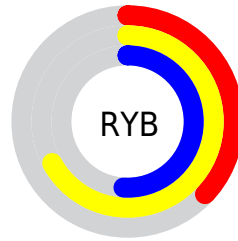
Distribution



Red (53%)

Green (67%)

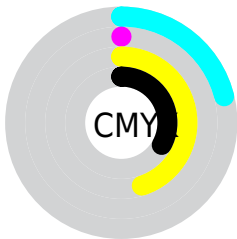
Blue (37%)



Red (37%)

Yellow (67%)

Blue (51%)

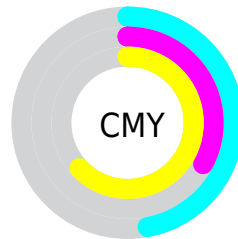


Cyan (21%)

Magenta (0%)

Yellow (45%)

Black (33%)



Cyan (47%)

Magenta (33%)

Yellow (63%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 26.2266, 34.6259, 15.8909 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 26.2266, 34.6259, 15.8909 by changing the saturation by 10% instead.

■ 26.2266, 34.6259,
15.8909

■ 26.2266, 34.6259,
15.8909

276.1290,
322.9140, 240.5208

■ 17.1268, 23.3748,
9.2935

■ 53.0690, 66.9058,
37.1728

■ 10.4208, 14.8705,
4.8337

■ 71.5423, 88.7035,
52.6944

■ 5.7432, 8.7286,
2.0930

■ 93.8708, 114.7855,
72.0278

■ 2.7288, 4.5646,
0.6116

■ 120.4199,
145.5361, 95.5916

■ 1.0120, 1.9941,
0.0000

151.5549,
181.3399, 123.8042

■ 0.0000, 0.6041,
0.0000

187.6412,

■ 0.0000, 0.0000,

222.5813, 157.0843

0.0000

229.0441,
269.6445, 195.8503

■ 26.2266, 34.6259,
15.8909

■ 26.2266, 34.6259,
15.8909

■ 24.3114, 33.7183,
12.2485

■ 28.4094, 35.6542,
20.4243

■ 22.6478, 32.9212,
9.4359

■ 30.8693, 36.8037,
25.9000

■ 21.2220, 32.2300,
7.3881


■ 33.6187, 38.0807,
32.3679

■ 20.0172, 31.6378,
6.0290


■ 36.6682, 39.4898,
39.8739


■ 19.0135, 31.1362,
5.2662


■ 40.0278, 41.0352,
48.4610

 18.5404, 30.8980,
4.9867

 43.7071, 42.7208,
58.1696

 47.7152, 44.5507,
69.0384

 52.0608, 46.5284,
81.1038

 56.7523, 48.6575,
94.4010

Harmonies

Analogous

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



31.6369, 34.6259, 12.5037



26.2266, 34.6259, 15.8909



22.9545, 34.6259, 25.2054

Triad

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



26.2266, 34.6259, 15.8909



28.1956, 34.6259, 79.6071



46.6253, 34.6259, 34.1245

Complementary

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



26.2266, 34.6259, 15.8909



20.4658, 15.6546, 39.9751

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.



45.3960, 34.6259, 53.7666



26.2266, 34.6259, 15.8909



34.2186, 34.6259, 84.3323

Square

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



26.2266, 34.6259, 15.8909



23.9847, 34.6259, 62.2938



40.6441, 34.6259, 73.6765



43.8153, 34.6259, 20.6199

Rectangle

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



26.2266, 34.6259, 15.8909



22.1595, 34.6259, 35.3475



40.6441, 34.6259, 73.6765



46.6751, 34.6259, 40.1582

Sweetspot

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



26.2275, 34.6274, 15.8916



61.7733, 69.4507, 60.6072



26.5111, 25.1792, 14.0530



13.5215, 15.3700, 12.9022



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.



26.2275, 34.6274, 15.8916



44.0198, 61.1331, 22.0634



21.2764, 32.0750, 15.6599



7.7994, 8.5947, 8.0371



13.7027, 22.7612, 3.6712



0.3918, 0.5839, 0.0921

Inverse Universe

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



20.4658, 15.6546, 39.9751



32.1801, 22.1294, 71.5772



27.2949, 19.1751, 40.2947



7.4571, 7.4683, 9.4668



7.8678, 3.4394, 28.2247



0.2508, 0.1143, 0.6895

Previews

White Background



This preview shows how the XYZ color 26.2266, 34.6259, 15.8909 looks on a white background.

Color Contrast Check

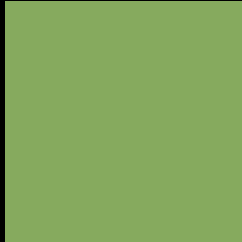
Large Text (above 18pt) WCAG AA × Fail

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 26.2266, 34.6259, 15.8909 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 26.2266, 34.6259, 15.8909

Background



This preview shows how black text looks on a background with the XYZ color 26.2266, 34.6259, 15.8909.



This preview shows how white text looks on a background with the XYZ color 26.2266, 34.6259,

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

26.2266, 34.6259, 15.8909

Protanopia

31.6992, 34.5331, 14.6677

Deuteranopia

35.0094, 34.2215, 16.3155



Tritanopia

32.0619, 34.5655, 45.0264

Trichromacy



Original Color

26.2266, 34.6259, 15.8909

Protanomaly

29.2836, 34.3206, 14.9787

Deuteranomaly

31.1791, 33.9747, 16.2237

Tritanomaly

29.3708, 34.2580, 31.8525

Monochromacy



Original Color

26.2266, 34.6259, 15.8909

Achromatopsia

29.4150, 30.9469, 33.7012

Achromatomaly

27.9332, 32.0852, 25.8399

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.2266, 34.6259, 15.8909 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(134, 170, 94)` looks like.

```
.text, #text, p{  
    color:rgb(134, 170, 94)  
}
```

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(134, 170, 94) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(134, 170, 94) }
```

Border

The CSS property to change the border of an element to XYZ 26.2266, 34.6259, 15.8909 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(134, 170, 94) }
```


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

```
.border{ border-color:rgb(134, 170, 94) }
```

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

Here you see how a box with a 4 pixel `rgb(134, 170, 94)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(134, 170, 94); -webkit-box-  
shadow:4px 4px 4px 4px rgb(134, 170, 94);  
box-shadow:4px 4px 4px 4px rgb(134, 170,  
94) }
```

Background

The CSS property to change the background color of an element to XYZ 26.2266, 34.6259, 15.8909 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(134, 170, 94) }
```

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

```
.background{ background-color: rgb(134,  
170, 94) }
```

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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