

Converting Colors

XYZ(26.4366, 35.5366, 18.2611)

Have a look what the booklet for
XYZ(26.4366, 35.5366, 18.2611)
contains.

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Color

**XYZ(26.4450, 35.5335,
18.2968)**

Conversions

Conversions Part 1

Format	Color
Hex	81AD67
RGB	129, 173, 103
RGB Percent	51%, 68%, 40%
CMY	0.4941, 0.3216, 0.5961
CMYK	0.25, 0.00, 0.40, 0.32
HSL	98°, 30%, 54%
HSV	98°, 40%, 68%
XYZ	26.4450, 35.5335, 18.2968
YIQ	151.8640, -3.7540, -31.0980

Conversions

Conversions Part 2

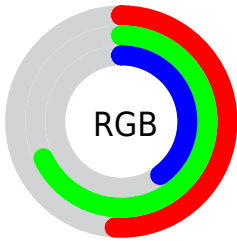
Format	Color
RYB	103, 173, 147
Decimal	8498535
CIELab	66.16, -27.73, 31.29
CIELCh	66, 41.811, 131.546
Yxy	35.5335, 0.3294, 0.4426
Android (android.graphics.Color)	4286688615 (0xFF81AD67)
YUV	151.8640, -24.0900, -20.0517
Hunter-Lab	59.6100, -25.1288, 23.5284

Details

The XYZ color **26.4450, 35.5335, 18.2968** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **24.4272, 18.9217, 41.9018**, and the grayscale version is **29.8889, 31.4454, 34.2441**.

A 20% lighter version of the original color is **53.4641, 68.4725, 41.4090**, and **10.5242, 15.3190, 5.8922** is the 20% darker color. If you saturate the color by 10%, you get **24.1002, 34.4160, 14.1139**, and if you desaturate by 10%, it is **29.1471, 36.8166, 23.4357**.

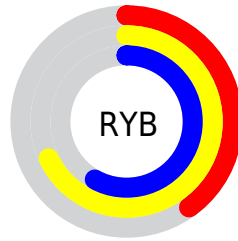
Distribution



Red (51%)

Green (68%)

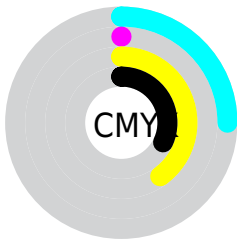
Blue (40%)



Red (40%)

Yellow (68%)

Blue (58%)

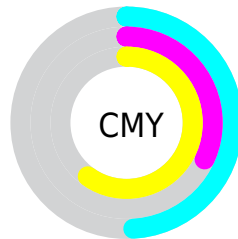


Cyan (25%)

Magenta (0%)

Yellow (40%)

Black (32%)



Cyan (49%)

Magenta (32%)

Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 26.4450, 35.5335, 18.2968 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 26.4450, 35.5335, 18.2968 by changing the saturation by 10% instead.

■ 26.4450, 35.5335,
18.2968

■ 26.4450, 35.5335,
18.2968

277.1766,
326.9169, 254.8307

■ 17.2913, 24.0741,
10.9916

■ 53.4182, 68.3114,
41.3632

■ 10.5390, 15.3886,
5.9471

■ 71.9683, 90.3988,
57.9615

■ 5.8227, 9.0926,
2.7447

■ 94.3813, 116.7975,
78.4945

■ 2.7772, 4.8016,
0.9658

■ 121.0225,
147.8922, 103.3810

■ 1.0371, 2.1313,
0.0000

152.2573,
184.0670, 133.0392

■ 0.0000, 0.6822,
0.0000

188.4510,

■ 0.0000, 0.0000,

225.7065, 167.8879

0.0000

229.9690,
273.1950, 208.3456

■ 26.4450, 35.5335,
18.2968

■ 26.4450, 35.5335,
18.2968

■ 24.1002, 34.4160,
14.1139

■ 29.1471, 36.8166,
23.4357

■ 22.0935, 33.4522,
10.8257

■ 32.2193, 38.2675,
29.5824

■ 20.4075, 32.6357,
8.3674


■ 35.6769, 39.8941,
36.7876


■ 19.0220, 31.9577,
6.6642


■ 39.5336, 41.7024,
45.0979

■ 17.9140, 31.4083,
5.6283


■ 43.8023, 43.6980,
54.5573

 17.0751, 30.9871,
5.0811

 48.4954, 45.8865,
65.2070

 53.6246, 48.2731,
77.0867

 59.2012, 50.8627,
90.2338

 64.6337, 53.4193,
101.5121

Harmonies

Analogous

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



31.4354, 35.5335, 13.8954



26.4450, 35.5335, 18.2968



23.6499, 35.5335, 28.8272

Triad

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



26.4450, 35.5335, 18.2968



30.1267, 35.5335, 81.1344



46.9016, 35.5335, 32.2301

Complementary

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



26.4450, 35.5335, 18.2968



24.4272, 18.9217, 41.9018

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.



46.4387, 35.5335, 50.5791



26.4450, 35.5335, 18.2968



36.2248, 35.5335, 82.8975

Square

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



26.4450, 35.5335, 18.2968



25.5885, 35.5335, 66.1489



42.3445, 35.5335, 70.4109



43.5406, 35.5335, 20.1264

Rectangle

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



26.4450, 35.5335, 18.2968



23.1715, 35.5335, 39.6215



42.3445, 35.5335, 70.4109



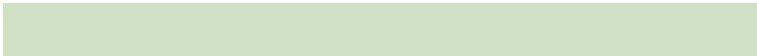
47.1981, 35.5335, 37.7731

Sweetspot

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



26.4459, 35.5350, 18.2976



62.7600, 70.9131, 63.4871



29.9877, 30.4741, 17.1340



13.4668, 15.3300, 13.4347



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.



26.4459, 35.5350, 18.2976



43.3975, 61.7481, 25.6837



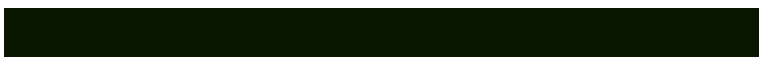
23.4166, 33.9237, 20.4014



8.1750, 9.0788, 8.5349



12.6023, 22.7938, 3.7354



0.4121, 0.6658, 0.1068

Inverse Universe

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



24.4272, 18.9217, 41.9018



39.2389, 27.6750, 74.0795



28.8615, 21.2962, 38.1089



8.0444, 7.9972, 10.0723



10.2164, 4.6266, 29.3991



0.3419, 0.1585, 0.8206

Previews

White Background



This preview shows how the XYZ color 26.4450, 35.5335, 18.2968 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 26.4450, 35.5335, 18.2968 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

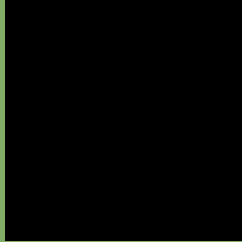
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 26.4450, 35.5335, 18.2968

Background



This preview shows how black text looks on a background with the XYZ color 26.4450, 35.5335, 18.2968.



This preview shows how white text looks on a background with the XYZ color 26.4450, 35.5335,

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

26.4450, 35.5335, 18.2968

Protanopia

32.4546, 35.1374, 16.6269

Deuteranopia

35.8362, 35.0716, 19.0681



Tritanopia

32.1958, 35.3880, 46.7286

Trichromacy



Original Color

26.4450, 35.5335, 18.2968

Protanomaly

29.8559, 35.0995, 17.2579

Deuteranomaly

31.5345, 34.6172, 18.6554

Tritanomaly

29.6403, 35.1578, 34.0781

Monochromacy



Original Color

26.4450, 35.5335, 18.2968

Achromatopsia

29.8446, 31.3989, 34.1934

Achromatomaly

28.3755, 32.7921, 27.3882

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.4450, 35.5335, 18.2968 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(129, 173, 103)` looks like.

```
.text, #text, p{  
    color:rgb(129, 173, 103)  
}
```

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(129, 173, 103) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(129, 173, 103) }
```

Border

The CSS property to change the border of an element to XYZ 26.4450, 35.5335, 18.2968 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(129, 173, 103) }
```


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

```
.border{ border-color:rgb(129, 173, 103) }
```

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

Here you see how a box with a 4 pixel rgb(129, 173, 103) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(129, 173, 103); -webkit-box-  
shadow:4px 4px 4px 4px rgb(129, 173, 103);  
box-shadow:4px 4px 4px 4px rgb(129, 173,  
103) }
```

Background

The CSS property to change the background color of an element to XYZ 26.4450, 35.5335, 18.2968 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(129, 173, 103) }
```

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

```
.background{ background-color: rgb(129,  
173, 103) }
```

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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