

Converting Colors

XYZ(26.4899, 33.3104, 18.4572)

Have a look what the booklet for
XYZ(26.4899, 33.3104, 18.4572)
contains.

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Color

**XYZ(26.4862, 33.3335,
18.4026)**

Conversions

Conversions Part 1

Format	Color
Hex	8AA569
RGB	138, 165, 105
RGB Percent	54%, 65%, 41%
CMY	0.4588, 0.3529, 0.5882
CMYK	0.16, 0.00, 0.36, 0.35
HSL	87°, 25%, 53%
HSV	87°, 36%, 65%
XYZ	26.4862, 33.3335, 18.4026
YIQ	150.0870, 3.1680, -24.3840

Conversions

Conversions Part 2

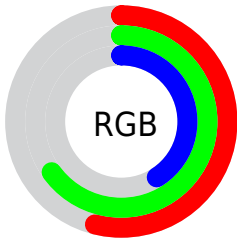
Format	Color
RYB	105, 165, 132
Decimal	9086313
CIELab	64.43, -20.10, 28.09
CIElCh	64, 34.542, 125.576
Yxy	33.3335, 0.3386, 0.4261
Android (android.graphics.Color)	4287276393 (0xFF8AA569)
YUV	150.0870, -22.2279, -10.6003
Hunter-Lab	57.7352, -19.1491, 21.5164

Details

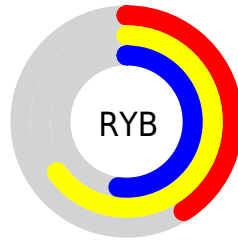
The XYZ color **26.4862, 33.3335, 18.4026** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **21.3602, 17.7262, 37.8949**, and the grayscale version is **29.1176, 30.6340, 33.3604**.

A 20% lighter version of the original color is **53.4172, 64.8272, 41.5958**, and **10.5741, 14.1319, 6.0413** is the 20% darker color. If you saturate the color by 10%, you get **24.5325, 32.4160, 14.3057**, and if you desaturate by 10%, it is **28.6902, 34.3631, 23.3716**.

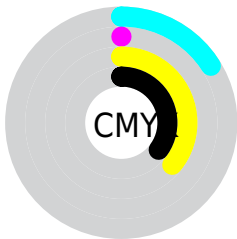
Distribution



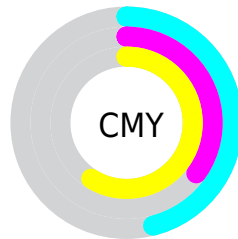
- Red (54%)
- Green (65%)
- Blue (41%)



- Red (41%)
- Yellow (65%)
- Blue (52%)



- Cyan (16%)
- Magenta (0%)
- Yellow (36%)
- Black (35%)



- Cyan (46%)
- Magenta (35%)
- Yellow (59%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 26.4862, 33.3335, 18.4026 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 26.4862, 33.3335, 18.4026 by changing the saturation by 10% instead.

■ 26.4862, 33.3335,
18.4026

■ 26.4862, 33.3335,
18.4026

277.3738,
317.1498, 255.4425

■ 17.3223, 22.3821,
11.0670

■ 53.4840, 64.8959,
41.5453

■ 10.5613, 14.1379,
5.9972

■ 72.0486, 86.2756,
58.1895

■ 5.8378, 8.2166,
2.7746

■ 94.4775, 111.9001,
78.7737

■ 2.7864, 4.2339,
0.9807

■ 121.1361,
142.1540, 103.7163

■ 1.0418, 1.8052,
0.0000

152.3896,
177.4214, 133.4360

■ 0.0000, 0.4904,
0.0000

188.6035,

■ 0.0000, 0.0000,

218.0870, 168.3512

0.0000

230.1432,
264.5350, 208.8805

■ 26.4862, 33.3335,
18.4026

■ 26.4862, 33.3335,
18.4026

■ 24.5325, 32.4160,
14.3057

■ 28.6902, 34.3631,
23.3716

■ 22.8152, 31.6015,
11.0282

■ 31.1524, 35.5047,
29.2569

■ 21.3232, 30.8864,
8.5155


■ 33.8834, 36.7638,
36.1022


■ 20.0426, 30.2650,
6.7048


■ 36.8923, 38.1445,
43.9479


■ 18.9579, 29.7308,
5.5240


■ 40.1878, 39.6501,
52.8320


 18.0481, 29.2753,
4.8717

 43.7783, 41.2844,
62.7906

 17.7452, 29.1229,
4.6860

 47.6716, 43.0505,
73.8579

 51.8754, 44.9518,
86.0669

 56.3969, 46.9912,
99.4488

Harmonies

Analogous

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



30.7712, 33.3335, 15.4402



26.4862, 33.3335, 18.4026



23.8185, 33.3335, 26.1955

Triad

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



26.4862, 33.3335, 18.4026



27.9258, 33.3335, 67.0129



42.0733, 33.3335, 33.7226

Complementary

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



26.4862, 33.3335, 18.4026



21.3602, 17.7262, 37.8949

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.



41.1109, 33.3335, 48.7036



26.4862, 33.3335, 18.4026



32.6116, 33.3335, 70.5325

Square

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



26.4862, 33.3335, 18.4026



24.5874, 33.3335, 54.4703



37.5175, 33.3335, 63.1246



40.0260, 33.3335, 22.6919

Rectangle

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



26.4862, 33.3335, 18.4026



23.1475, 33.3335, 34.2423



37.5175, 33.3335, 63.1246



42.0933, 33.3335, 38.4271

Sweetspot

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



26.4870, 33.3350, 18.4033



58.2527, 64.7205, 58.5037



26.3194, 25.5230, 16.9043



12.6000, 14.0868, 12.4520



78.6606, 82.7571, 90.1225



14.0027, 14.7319, 16.0430

Same Dimension

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



26.4870, 33.3350, 18.4033



44.4505, 58.2956, 26.6634



22.1903, 31.1199, 18.2022



7.3404, 8.0780, 7.5524



13.4819, 22.0606, 3.5476



0.3368, 0.4911, 0.0770

Inverse Universe

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



21.3602, 17.7262, 37.8949



33.8489, 26.0066, 66.9881



26.7447, 20.5020, 38.1469



6.9890, 7.0087, 8.8875



7.3453, 3.1931, 27.1590



0.2085, 0.0950, 0.5732

Previews

White Background



This preview shows how the XYZ color 26.4862, 33.3335, 18.4026 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 26.4862, 33.3335, 18.4026 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 26.4862, 33.3335, 18.4026

Background



This preview shows how black text looks on a background with the XYZ color 26.4862, 33.3335, 18.4026.



This preview shows how white text looks on a background with the XYZ color 26.4862, 33.3335,

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

26.4862, 33.3335, 18.4026

Protanopia

30.5996, 33.1515, 17.0980

Deuteranopia

33.7039, 33.0167, 18.7838



Tritanopia

31.3453, 33.2193, 42.7901

Trichromacy



Original Color

26.4862, 33.3335, 18.4026

Protanomaly

28.8970, 33.0247, 17.4217

Deuteranomaly

30.7374, 32.9392, 18.6478

Tritanomaly

29.2607, 33.1462, 32.0498

Monochromacy



Original Color

26.4862, 33.3335, 18.4026

Achromatopsia

28.9890, 30.4987, 33.2131

Achromatomaly

27.8785, 31.2749, 27.1216

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.4862, 33.3335, 18.4026 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(138, 165, 105)` looks like.

```
.text, #text, p{  
    color:rgb(138, 165, 105)  
}
```

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(138, 165, 105) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(138, 165, 105) }
```

Border

The CSS property to change the border of an element to XYZ 26.4862, 33.3335, 18.4026 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(138, 165, 105) }
```


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

```
.border{ border-color:rgb(138, 165, 105) }
```

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

Here you see how a box with a 4 pixel `rgb(138, 165, 105)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(138, 165, 105); -webkit-box-  
shadow:4px 4px 4px 4px rgb(138, 165, 105);  
box-shadow:4px 4px 4px 4px rgb(138, 165,  
105) }
```

Background

The CSS property to change the background color of an element to XYZ 26.4862, 33.3335, 18.4026 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(138, 165, 105) }
```

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

```
.background{ background-color: rgb(138,  
165, 105) }
```

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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