

Converting Colors

XYZ(26.2496, 34.4302, 17.6201)

Have a look what the booklet for
XYZ(26.2496, 34.4302, 17.6201)
contains.

XYZ(26.2098, 34.3021, 17.5515)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(26.2098, 34.3021,
17.5515)**

Conversions

Conversions Part 1

Format	Color
Hex	85A965
RGB	133, 169, 101
RGB Percent	52%, 66%, 40%
CMY	0.4784, 0.3372, 0.6039
CMYK	0.21, 0.00, 0.40, 0.34
HSL	92°, 28%, 53%
HSV	92°, 40%, 66%
XYZ	26.2098, 34.3021, 17.5515
YIQ	150.4840, 0.3720, -28.7800

Conversions

Conversions Part 2

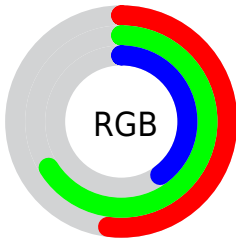
Format	Color
RYB	101, 169, 137
Decimal	8759653
CIELab	65.20, -24.56, 31.16
CIELCh	65, 39.673, 128.250
Yxy	34.3021, 0.3358, 0.4394
Android (android.graphics.Color)	4286949733 (0xFF85A965)
YUV	150.4840, -24.3956, -15.3335
Hunter-Lab	58.5680, -22.6133, 23.2297

Details

The XYZ color **26.2098, 34.3021, 17.5515** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **22.1332, 17.4913, 39.7477**, and the grayscale version is **29.2965, 30.8222, 33.5654**.

A 20% lighter version of the original color is **52.8989, 66.1760, 40.1222**, and **10.4836, 14.7735, 5.6672** is the 20% darker color. If you saturate the color by 10%, you get **24.1126, 33.3081, 13.5666**, and if you desaturate by 10%, it is **28.5993, 35.4293, 22.4403**.

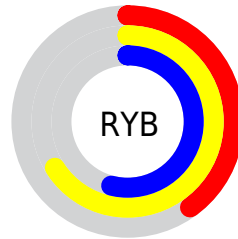
Distribution



Red (52%)

Green (66%)

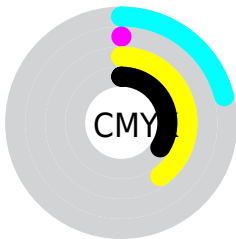
Blue (40%)



Red (40%)

Yellow (66%)

Blue (54%)

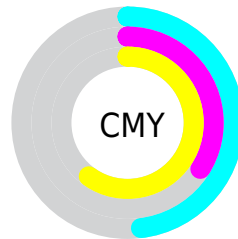


Cyan (21%)

Magenta (0%)

Yellow (40%)

Black (34%)



Cyan (48%)

Magenta (34%)

Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 26.2098, 34.3021, 17.5515 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 26.2098, 34.3021, 17.5515 by changing the saturation by 10% instead.

■ 26.2098, 34.3021,
17.5515

■ 26.2098, 34.3021,
17.5515

276.0483,
321.4770, 250.4814

■ 17.1142, 23.1258,
10.4624

■ 53.0421, 66.4032,
40.0752

■ 10.4117, 14.6864,
5.5970

■ 71.5095, 88.0967,
56.3468

■ 5.7371, 8.5996,
2.5368

■ 93.8315, 114.0648,
76.5163

■ 2.7250, 4.4809,
0.8596

■ 120.3735,
144.6918, 101.0023

■ 1.0101, 1.9461,
0.0000

151.5008,
180.3622, 130.2232

■ 0.0000, 0.5759,
0.0000

187.5788,

■ 0.0000, 0.0000,

221.4602, 164.5977

0.0000

228.9728,
268.3704, 204.5443

■ 26.2098, 34.3021,
17.5515

■ 26.2098, 34.3021,
17.5515

■ 24.1126, 33.3081,
13.5666

■ 28.5993, 35.4293,
22.4403

■ 22.2918, 32.4370,
10.4280

■ 31.2912, 36.6905,
28.2817

■ 20.7334, 31.6841,
8.0746


■ 34.2980, 38.0922,
35.1233


■ 19.4209, 31.0423,
6.4366


■ 37.6306, 39.6391,
43.0091


■ 18.3352, 30.5038,
5.4315


■ 41.2995, 41.3358,
51.9803

 17.4569, 30.0623,
4.8825

 45.3146, 43.1863,
62.0759

 49.6854, 45.1949,
73.3332

 54.4210, 47.3655,
85.7874

 59.5303, 49.7018,
99.4725

Harmonies

Analogous

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



31.0380, 34.3021, 13.9147



26.2098, 34.3021, 17.5515



23.3517, 34.3021, 26.7756

Triad

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



26.2098, 34.3021, 17.5515



28.6650, 34.3021, 75.2834



44.8520, 34.3021, 32.9759

Complementary

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



26.2098, 34.3021, 17.5515



22.1332, 17.4913, 39.7477

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.



44.0227, 34.3021, 50.3938



26.2098, 34.3021, 17.5515



34.2200, 34.3021, 78.4083

Square

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



26.2098, 34.3021, 17.5515



24.6485, 34.3021, 60.6565



39.9597, 34.3021, 68.2449



42.1078, 34.3021, 20.9389

Rectangle

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



26.2098, 34.3021, 17.5515



22.7297, 34.3021, 36.3878



39.9597, 34.3021, 68.2449



44.9876, 34.3021, 38.3273

Sweetspot

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



26.2107, 34.3036, 17.5522



60.3119, 67.7006, 60.3315



27.5355, 27.0218, 16.0769



12.9976, 14.6870, 12.8100



80.6108, 84.8088, 92.3568



14.7206, 15.4872, 16.8656

Same Dimension

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



26.2107, 34.3036, 17.5522



43.6699, 59.8820, 25.1871



21.9608, 32.1062, 17.6453



7.7598, 8.5743, 8.0353



13.0708, 22.4355, 3.6416



0.3774, 0.5765, 0.0914

Inverse Universe

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



22.1332, 17.4913, 39.7477



35.3746, 25.6933, 70.3199



28.0727, 20.5655, 39.4726



7.4967, 7.4887, 9.4687



8.5044, 3.7676, 28.2545



0.2652, 0.1217, 0.6902

Previews

White Background



This preview shows how the XYZ color 26.2098, 34.3021, 17.5515 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 26.2098, 34.3021, 17.5515 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 26.2098, 34.3021, 17.5515

Background



This preview shows how black text looks on a background with the XYZ color 26.2098, 34.3021, 17.5515.



This preview shows how white text looks on a background with the XYZ color 26.2098, 34.3021,

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

26.2098, 34.3021, 17.5515

Protanopia

31.3978, 34.0874, 16.2340

Deuteranopia

34.6027, 33.9720, 18.0981



Tritanopia

31.6152, 34.0880, 44.4485

Trichromacy



Original Color

26.2098, 34.3021, 17.5515

Protanomaly

29.2255, 33.9916, 16.5760

Deuteranomaly

31.0877, 33.8882, 17.9993

Tritanomaly

29.1789, 33.8764, 32.6047

Monochromacy



Original Color

26.2098, 34.3021, 17.5515

Achromatopsia

28.9890, 30.4987, 33.2131

Achromatomaly

27.7234, 31.7092, 26.4891

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.2098, 34.3021, 17.5515 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(133, 169, 101)` looks like.

```
.text, #text, p{  
    color:rgb(133, 169, 101)  
}
```

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(133, 169, 101) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(133, 169, 101) }
```

Border

The CSS property to change the border of an element to XYZ 26.2098, 34.3021, 17.5515 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(133, 169, 101) }
```


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

```
.border{ border-color:rgb(133, 169, 101) }
```

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

Here you see how a box with a 4 pixel `rgb(133, 169, 101)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(133, 169, 101); -webkit-box-  
shadow:4px 4px 4px 4px rgb(133, 169, 101);  
box-shadow:4px 4px 4px 4px rgb(133, 169,  
101) }
```

Background

The CSS property to change the background color of an element to XYZ 26.2098, 34.3021, 17.5515 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(133, 169, 101) }
```

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

```
.background{ background-color: rgb(133,  
169, 101) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor