

Converting Colors

XYZ(26.4255, 34.4233, 13.8485)

Have a look what the booklet for
XYZ(26.4255, 34.4233, 13.8485)
contains.

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Color

**XYZ(26.4751, 34.5208,
13.8621)**

Conversions

Conversions Part 1

Format	Color
Hex	8BA955
RGB	139, 169, 85
RGB Percent	55%, 66%, 33%
CMY	0.4549, 0.3372, 0.6667
CMYK	0.18, 0.00, 0.50, 0.34
HSL	81°, 33%, 50%
HSV	81°, 50%, 66%
XYZ	26.4751, 34.5208, 13.8621
YIQ	150.4540, 9.0840, -32.4840

Conversions

Conversions Part 2

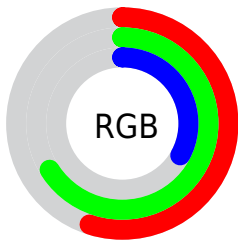
Format	Color
RYB	85, 169, 115
Decimal	9152853
CIELab	65.37, -24.21, 39.69
CIELCh	65, 46.488, 121.384
Yxy	34.5208, 0.3537, 0.4612
Android (android.graphics.Color)	4287342933 (0xFF8BA955)
YUV	150.4540, -32.2688, -10.0452
Hunter-Lab	58.7544, -22.3870, 27.1396

Details

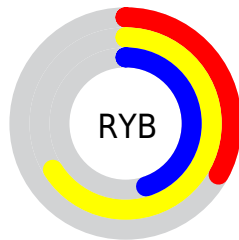
The XYZ color **26.4751, 34.5208, 13.8621** is a dark color, and the websafe version is hex **669933**. A complement of this color would be **17.4816, 13.0074, 39.1274**, and the grayscale version is **29.3136, 30.8402, 33.5849**.

A 20% lighter version of the original color is **53.4191, 66.5868, 33.7040**, and **10.6102, 14.8762, 3.9812** is the 20% darker color. If you saturate the color by 10%, you get **24.9023, 33.7796, 10.6928**, and if you desaturate by 10%, it is **28.2656, 35.3579, 17.8801**.

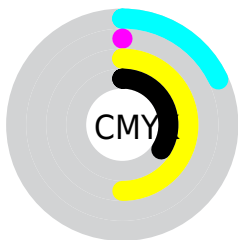
Distribution



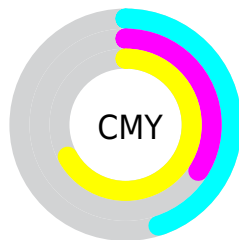
- Red (55%)
- Green (66%)
- Blue (33%)



- Red (33%)
- Yellow (66%)
- Blue (45%)



- Cyan (18%)
- Magenta (0%)
- Yellow (50%)
- Black (34%)



- Cyan (45%)
- Magenta (34%)
- Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 26.4751, 34.5208, 13.8621 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 26.4751, 34.5208, 13.8621 by changing the saturation by 10% instead.

■ 26.4751, 34.5208,
13.8621

■ 26.4751, 34.5208,
13.8621

277.3207,
322.4481, 227.7698

■ 17.3139, 23.2940,
7.8872

■ 53.4663, 66.7427,
33.5577

■ 10.5553, 14.8107,
3.9361

■ 72.0270, 88.5066,
48.1155

■ 5.8337, 8.6867,
1.5904

■ 94.4516, 114.5517,
66.3713

■ 2.7839, 4.5374,
0.2839

■ 121.1055,
145.2623, 88.7437

■ 1.0406, 1.9785,
0.0000

■ 152.3540,
181.0229, 115.6512

■ 0.0000, 0.5949,
0.0000

188.5625,

■ 0.0000, 0.0000,

222.2177, 147.5124

0.0000

230.0962,
269.2313, 184.7457

■ 26.4751, 34.5208,
13.8621

■ 26.4751, 34.5208,
13.8621

■ 24.9023, 33.7796,
10.6928

■ 28.2656, 35.3579,
17.8801

■ 23.5322, 33.1247,
8.3087

■ 30.2827, 36.2909,
22.7996

■ 22.3516, 32.5517,
6.6413

■ 32.5376, 37.3257,
28.6719

■ 21.3440, 32.0541,
5.6090

■ 35.0400, 38.4663,
35.5437

■ 20.4756, 31.6182,
5.0381

■ 37.7990, 39.7163,
43.4586

■ 20.4510, 31.6058,
5.0226

■ 40.8232, 41.0792,
52.4577

■ 44.1208, 42.5586,
62.5799

■ 47.6994, 44.1574,
73.8621

■ 51.5666, 45.8789,
86.3396

Harmonies

Analogous

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



32.4970, 34.5208, 11.2416



26.4751, 34.5208, 13.8621



22.6392, 34.5208, 22.3819

Triad

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



26.4751, 34.5208, 13.8621



26.9508, 34.5208, 80.8522



47.6579, 34.5208, 36.6923

Complementary

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



26.4751, 34.5208, 13.8621



17.4816, 13.0074, 39.1274

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.



45.6478, 34.5208, 58.4725



26.4751, 34.5208, 13.8621



33.1270, 34.5208, 88.6793

Square

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



26.4751, 34.5208, 13.8621



22.8861, 34.5208, 60.5955



40.0847, 34.5208, 79.3582



45.2563, 34.5208, 21.2941

Rectangle

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



26.4751, 34.5208, 13.8621



21.5285, 34.5208, 32.2628



40.0847, 34.5208, 79.3582



47.4742, 34.5208, 43.4676

Sweetspot

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



26.4759, 34.5223, 13.8628



60.2021, 67.7269, 56.5801



24.0657, 21.2171, 11.4217



12.9278, 14.6732, 11.8043



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.



26.4759, 34.5223, 13.8628



44.2392, 60.3245, 18.4840



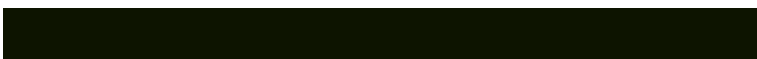
20.8227, 31.6080, 13.5983



7.8830, 8.6378, 8.0411



15.3010, 23.5852, 3.7460



0.4249, 0.6010, 0.0936

Inverse Universe

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



17.4816, 13.0074, 39.1274



26.2390, 17.1914, 69.1604



24.1991, 16.4704, 39.4418



7.3753, 7.4261, 9.4630



6.7965, 2.8872, 28.1746



0.2211, 0.0990, 0.6881

Previews

White Background



This preview shows how the XYZ color 26.4751, 34.5208, 13.8621 looks on a white background.

Color Contrast Check

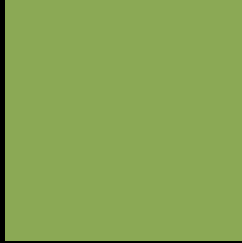
Large Text (above 18pt) WCAG AA × Fail

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 26.4751, 34.5208, 13.8621 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 26.4751, 34.5208, 13.8621

Background



This preview shows how black text looks on a background with the XYZ color 26.4751, 34.5208, 13.8621.



This preview shows how white text looks on a background with the XYZ color 26.4751, 34.5208,

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

26.4751, 34.5208, 13.8621

Protanopia

31.3913, 34.1618, 12.7240

Deuteranopia

34.8621, 34.1919, 14.2135



Tritanopia

32.4222, 34.2589, 43.9335

Trichromacy



Original Color

26.4751, 34.5208, 13.8621

Protanomaly

29.3436, 34.1312, 13.0241

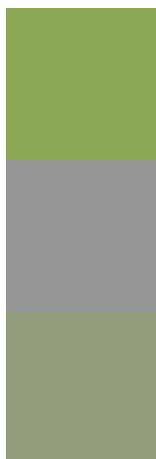
Deuteranomaly

31.2219, 34.0425, 14.1578

Tritanomaly

29.6849, 34.1988, 29.8474

Monochromacy



Original Color

26.4751, 34.5208, 13.8621

Achromatopsia

28.9890, 30.4987, 33.2131

Achromatomaly

27.6769, 31.7313, 24.4047

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.4751, 34.5208, 13.8621 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(139, 169, 85)` looks like.

```
.text, #text, p{  
    color:rgb(139, 169, 85)  
}
```

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(139, 169, 85) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(139, 169, 85) }
```

Border

The CSS property to change the border of an element to XYZ 26.4751, 34.5208, 13.8621 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(139, 169, 85) }
```


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

```
.border{ border-color:rgb(139, 169, 85) }
```

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

Here you see how a box with a 4 pixel `rgb(139, 169, 85)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(139, 169, 85); -webkit-box-  
shadow:4px 4px 4px 4px rgb(139, 169, 85);  
box-shadow:4px 4px 4px 4px rgb(139, 169,  
85) }
```

Background

The CSS property to change the background color of an element to XYZ 26.4751, 34.5208, 13.8621 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(139, 169, 85) }
```

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

```
.background{ background-color: rgb(139,  
169, 85) }
```

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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