

Converting Colors

XYZ(26.3859, 34.0408, 14.3122)

Have a look what the booklet for
XYZ(26.3859, 34.0408, 14.3122)
contains.

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Color

**XYZ(26.3954, 33.9175,
14.3881)**

Conversions

Conversions Part 1

Format	Color
Hex	8CA758
RGB	140, 167, 88
RGB Percent	55%, 65%, 35%
CMY	0.4510, 0.3451, 0.6549
CMYK	0.16, 0.00, 0.47, 0.35
HSL	81°, 31%, 50%
HSV	81°, 47%, 65%
XYZ	26.3954, 33.9175, 14.3881
YIQ	149.9210, 9.2670, -30.2930

Conversions

Conversions Part 2

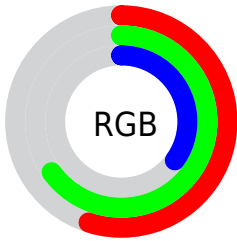
Format	Color
RYB	88, 167, 115
Decimal	9217880
CIELab	64.90, -22.48, 37.61
CIElCh	65, 43.816, 120.871
Yxy	33.9175, 0.3533, 0.4540
Android (android.graphics.Color)	4287407960 (0xFF8CA758)
YUV	149.9210, -30.5271, -8.7007
Hunter-Lab	58.2387, -21.0167, 26.1193

Details

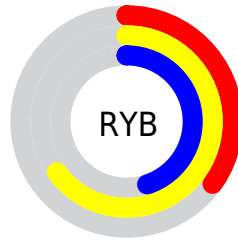
The XYZ color **26.3954, 33.9175, 14.3881** is a dark color, and the websafe version is hex **669933**. A complement of this color would be **17.5364, 13.4153, 38.2263**, and the grayscale version is **29.0793, 30.5937, 33.3166**.

A 20% lighter version of the original color is **53.2872, 65.7087, 34.3006**, and **10.5214, 14.4827, 4.1603** is the 20% darker color. If you saturate the color by 10%, you get **24.8446, 33.1901, 11.1090**, and if you desaturate by 10%, it is **28.1563, 34.7371, 18.5056**.

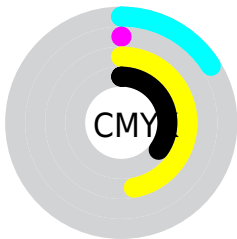
Distribution



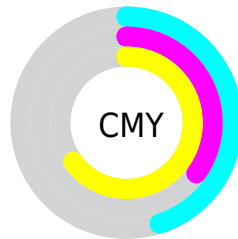
- Red (55%)
- Green (65%)
- Blue (35%)



- Red (35%)
- Yellow (65%)
- Blue (45%)



- Cyan (16%)
- Magenta (0%)
- Yellow (47%)
- Black (35%)



- Cyan (45%)
- Magenta (35%)
- Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 26.3954, 33.9175, 14.3881 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 26.3954, 33.9175, 14.3881 by changing the saturation by 10% instead.

■ 26.3954, 33.9175,
14.3881

■ 26.3954, 33.9175,
14.3881

276.9389,
319.7640, 231.1438

■ 17.2539, 22.8302,
8.2493

■ 53.3389, 65.8054,
34.5031

■ 10.5121, 14.4682,
4.1648

■ 71.8716, 87.3747,
49.3163

■ 5.8047, 8.4470,
1.7162

■ 94.2655, 113.2069,
67.8580

■ 2.7662, 4.3823,
0.3718

■ 120.8858,
143.6863, 90.5469

■ 1.0314, 1.8896,
0.0000

■ 152.0979,
179.1974, 117.8013

■ 0.0000, 0.5421,
0.0000

188.2673,

■ 0.0000, 0.0000,

220.1244, 150.0399

0.0000

229.7592,
266.8518, 187.6812

■ 26.3954, 33.9175,
14.3881

■ 26.3954, 33.9175,
14.3881

■ 24.8446, 33.1901,
11.1090

■ 28.1563, 34.7371,
18.5056

■ 23.4896, 32.5455,
8.6084

■ 30.1355, 35.6486,
23.5116

■ 22.3182, 31.9799,
6.8218


■ 32.3435, 36.6576,
29.4550


■ 21.3151, 31.4872,
5.6735


■ 34.7897, 37.7679,
36.3804


■ 20.4574, 31.0581,
5.0458

■ 37.4825, 38.9830,
44.3296

 20.2398, 30.9488,
4.9070

 40.4302, 40.3061,
53.3418

 43.6404, 41.7406,
63.4543

 47.1206, 43.2893,
74.7026

 50.8777, 44.9552,
87.1206

Harmonies

Analogous

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



32.0532, 33.9175, 11.9167



26.3954, 33.9175, 14.3881



22.7446, 33.9175, 22.4472

Triad

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



26.3954, 33.9175, 14.3881



26.6764, 33.9175, 76.4384



45.9794, 33.9175, 36.4039

Complementary

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



26.3954, 33.9175, 14.3881



17.5364, 13.4153, 38.2263

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.



44.0610, 33.9175, 56.5950



26.3954, 33.9175, 14.3881



32.4226, 33.9175, 83.8058

Square

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



26.3954, 33.9175, 14.3881



22.8913, 33.9175, 57.8218



38.8838, 33.9175, 75.5824



43.8339, 33.9175, 21.7961

Rectangle

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



26.3954, 33.9175, 14.3881



21.6660, 33.9175, 31.6791



38.8838, 33.9175, 75.5824



45.7864, 33.9175, 42.7321

Sweetspot

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



26.3962, 33.9190, 14.3888



59.2131, 66.2353, 56.3443



23.7541, 21.0312, 12.0405



13.0525, 14.7320, 12.0553



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.



26.3962, 33.9190, 14.3888



44.3047, 59.3493, 19.5235



20.9668, 31.1200, 14.1347



7.8941, 8.6435, 8.0416



15.5409, 23.7088, 3.7572



0.4296, 0.6034, 0.0938

Inverse Universe

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



17.5364, 13.4153, 38.2263



26.4855, 18.0480, 67.5629



23.7608, 16.6241, 38.5176



7.3646, 7.4205, 9.4625



6.6803, 2.8272, 28.1691



0.2171, 0.0969, 0.6879

Previews

White Background



This preview shows how the XYZ color 26.3954, 33.9175, 14.3881 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 26.3954, 33.9175, 14.3881 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

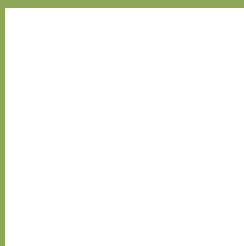
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 26.3954, 33.9175, 14.3881

Background



This preview shows how black text looks on a background with the XYZ color 26.3954, 33.9175, 14.3881.



This preview shows how white text looks on a background with the XYZ color 26.3954, 33.9175,

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

26.3954, 33.9175, 14.3881

Protanopia

30.9302, 33.6541, 13.4600

Deuteranopia

34.3240, 33.6618, 14.8135



Tritanopia

32.2451, 33.9353, 42.8809

Trichromacy



Original Color

26.3954, 33.9175, 14.3881

Protanomaly

29.1225, 33.7387, 13.7814

Deuteranomaly

30.7901, 33.3029, 14.7028

Tritanomaly

29.5111, 33.5862, 29.7383

Monochromacy



Original Color

26.3954, 33.9175, 14.3881

Achromatopsia

28.9890, 30.4987, 33.2131

Achromatomaly

27.5733, 31.4202, 24.6901

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.3954, 33.9175, 14.3881 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(140, 167, 88)` looks like.

```
.text, #text, p{  
    color:rgb(140, 167, 88)  
}
```

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(140, 167, 88) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(140, 167, 88) }
```

Border

The CSS property to change the border of an element to XYZ 26.3954, 33.9175, 14.3881 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(140, 167, 88) }
```


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

```
.border{ border-color:rgb(140, 167, 88) }
```

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

Here you see how a box with a 4 pixel `rgb(140, 167, 88)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(140, 167, 88); -webkit-box-  
shadow:4px 4px 4px 4px rgb(140, 167, 88);  
box-shadow:4px 4px 4px 4px rgb(140, 167,  
88) }
```

Background

The CSS property to change the background color of an element to XYZ 26.3954, 33.9175, 14.3881 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(140, 167, 88) }
```

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

```
.background{ background-color: rgb(140,  
167, 88) }
```

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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