

Converting Colors

XYZ(26.4602, 34.5709, 22.7106)

Have a look what the booklet for
XYZ(26.4602, 34.5709, 22.7106)
contains.

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Color

**XYZ(26.4569, 34.5934,
22.7355)**

Conversions

Conversions Part 1

Format	Color
Hex	7FAA77
RGB	127, 170, 119
RGB Percent	50%, 67%, 47%
CMY	0.5020, 0.3333, 0.5333
CMYK	0.25, 0.00, 0.30, 0.33
HSL	111°, 23%, 57%
HSV	111°, 30%, 67%
XYZ	26.4569, 34.5934, 22.7355
YIQ	151.3290, -9.2570, -24.9770

Conversions

Conversions Part 2

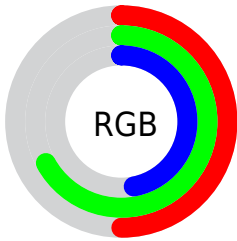
Format	Color
RYB	119, 170, 162
Decimal	8366711
CIELab	65.43, -24.53, 21.75
CIELCh	65, 32.781, 138.444
Yxy	34.5934, 0.3158, 0.4129
Android (android.graphics.Color)	4286556791 (0xFF7FAA77)
YUV	151.3290, -15.9382, -21.3365
Hunter-Lab	58.8162, -22.6347, 18.2526

Details

The XYZ color **26.4569, 34.5934, 22.7355** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **28.7543, 23.7783, 41.1062**, and the grayscale version is **29.6262, 31.1691, 33.9431**.

A 20% lighter version of the original color is **53.4277, 66.6527, 49.0791**, and **10.5644, 14.9356, 8.1204** is the 20% darker color. If you saturate the color by 10%, you get **23.5410, 33.1988, 17.7380**, and if you desaturate by 10%, it is **29.8610, 36.2206, 28.7107**.

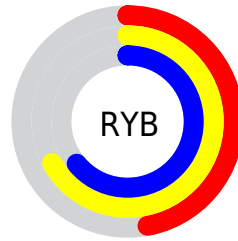
Distribution



Red (50%)

Green (67%)

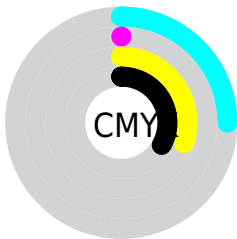
Blue (47%)



Red (47%)

Yellow (67%)

Blue (64%)

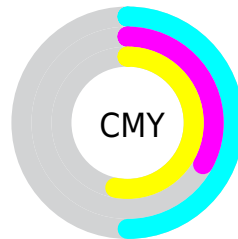


Cyan (25%)

Magenta (0%)

Yellow (30%)

Black (33%)



Cyan (50%)

Magenta (33%)

Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 26.4569, 34.5934, 22.7355 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 26.4569, 34.5934, 22.7355 by changing the saturation by 10% instead.

■ 26.4569, 34.5934,
22.7355

■ 26.4569, 34.5934,
22.7355

277.2336,
322.7700, 279.4413

■ 17.3002, 23.3498,
14.1949

■ 53.4372, 66.8554,
48.8763

■ 10.5454, 14.8520,
8.1160

■ 71.9915, 88.6426,
67.3136

■ 5.8271, 8.7156,
4.0804

■ 94.4091, 114.7132,
89.8868

■ 2.7799, 4.5562,
1.6696

121.0553,
145.4515, 117.0146

■ 1.0385, 1.9893,
0.3398

152.2955,
181.2419, 149.1153

■ 0.0000, 0.6012,
0.0000

188.4951,

■ 0.0000, 0.0000,

222.4689, 186.6077

0.0000

230.0193,
269.5168, 229.9102

■ 26.4569, 34.5934,
22.7355

■ 26.4569, 34.5934,
22.7355

■ 23.5410, 33.1988,
17.7380

■ 29.8610, 36.2206,
28.7107

■ 21.0881, 32.0220,
13.6639

■ 33.7717, 38.0858,
35.7093

■ 19.0749, 31.0530,
10.4574


■ 38.2096, 40.1996,
43.7770


■ 17.4746, 30.2795,
8.0555


■ 43.1934, 42.5708,
52.9559


■ 16.2579, 29.6879,
6.3868


■ 48.7409, 45.2078,
63.2859

 15.3909, 29.2627,
5.3674

 54.8691, 48.1184,
74.8051

 14.8186, 28.9793,
4.8125

 61.5943, 51.3102,
87.5496

 68.9312, 54.7903,
101.5503

 73.6654, 57.2308,
101.7718

Harmonies

Analogous

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



30.0507, 34.5934, 17.7723



26.4569, 34.5934, 22.7355



24.6551, 34.5934, 32.6243

Triad

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



26.4569, 34.5934, 22.7355



31.0688, 34.5934, 69.8787



42.4163, 34.5934, 29.9207

Complementary

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



26.4569, 34.5934, 22.7355



28.7543, 23.7783, 41.1062

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.



42.7566, 34.5934, 43.2028



26.4569, 34.5934, 22.7355



35.8815, 34.5934, 68.6474

Square

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



26.4569, 34.5934, 22.7355



27.1397, 34.5934, 61.0595



40.2666, 34.5934, 58.0185



39.3774, 34.5934, 21.1720

Rectangle

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



26.4569, 34.5934, 22.7355



24.5834, 34.5934, 41.6748



40.2666, 34.5934, 58.0185



42.8602, 34.5934, 33.9235

Sweetspot

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



26.4578, 34.5949, 22.7363



61.9093, 69.4029, 65.9380



32.7413, 35.5444, 22.5884



13.5658, 15.3626, 14.2709



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.



26.4578, 34.5949, 22.7363



44.3865, 61.0356, 35.0265



26.4275, 34.4505, 28.5501



7.5423, 8.4621, 8.0251



10.9321, 21.3329, 3.5415



0.2973, 0.5352, 0.0876

Inverse Universe

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



28.7543, 23.7783, 41.1062



49.2216, 38.2097, 73.7828



28.9254, 24.0405, 33.2540



7.7247, 7.6062, 9.4793



13.7516, 6.4726, 28.5000



0.3646, 0.1730, 0.6948

Previews

White Background



This preview shows how the XYZ color 26.4569, 34.5934, 22.7355 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 26.4569, 34.5934, 22.7355 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 26.4569, 34.5934, 22.7355

Background



This preview shows how black text looks on a background with the XYZ color 26.4569, 34.5934, 22.7355.



This preview shows how white text looks on a background with the XYZ color 26.4569, 34.5934,

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

26.4569, 34.5934, 22.7355

Protanopia

31.8417, 34.2147, 20.8454

Deuteranopia

35.0531, 34.3256, 23.5169



Tritanopia

31.2502, 34.6473, 46.1148

Trichromacy



Original Color

26.4569, 34.5934, 22.7355

Protanomaly

29.3991, 33.9716, 21.5307

Deuteranomaly

31.4280, 34.2007, 23.3573

Tritanomaly

29.2255, 34.6255, 36.1534

Monochromacy



Original Color

26.4569, 34.5934, 22.7355

Achromatopsia

29.4150, 30.9469, 33.7012

Achromatomaly

28.0424, 32.0686, 29.1380

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.4569, 34.5934, 22.7355 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(127, 170, 119)` looks like.

```
.text, #text, p{  
    color:rgb(127, 170, 119)  
}
```

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(127, 170, 119) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(127, 170, 119) }
```

Border

The CSS property to change the border of an element to XYZ 26.4569, 34.5934, 22.7355 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(127, 170, 119) }
```


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

```
.border{ border-color:rgb(127, 170, 119) }
```

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

Here you see how a box with a 4 pixel `rgb(127, 170, 119)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(127, 170, 119); -webkit-box-  
shadow:4px 4px 4px 4px rgb(127, 170, 119);  
box-shadow:4px 4px 4px 4px rgb(127, 170,  
119) }
```

Background

The CSS property to change the background color of an element to XYZ 26.4569, 34.5934, 22.7355 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(127, 170, 119) }
```

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

```
.background{ background-color: rgb(127,  
170, 119) }
```

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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