

Converting Colors

XYZ(26.1442, 34.8576, 16.1767)

Have a look what the booklet for
XYZ(26.1442, 34.8576, 16.1767)
contains.

XYZ(26.1442, 34.8576, 16.1767)	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(26.1442, 34.8576,
16.1767)**

Conversions

Conversions Part 1

Format	Color
Hex	84AB5F
RGB	132, 171, 95
RGB Percent	52%, 67%, 37%
CMY	0.4824, 0.3294, 0.6274
CMYK	0.23, 0.00, 0.44, 0.33
HSL	91°, 31%, 52%
HSV	91°, 44%, 67%
XYZ	26.1442, 34.8576, 16.1767
YIQ	150.6750, 1.1520, -31.9040

Conversions

Conversions Part 2

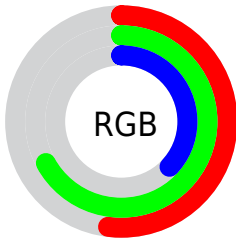
Format	Color
RYB	95, 171, 134
Decimal	8694623
CIELab	65.64, -26.71, 34.83
CIELCh	66, 43.892, 127.488
Yxy	34.8576, 0.3387, 0.4516
Android (android.graphics.Color)	4286884703 (0xFF84AB5F)
YUV	150.6750, -27.4478, -16.3780
Hunter-Lab	59.0403, -24.2773, 25.0831

Details

The XYZ color **26.1442, 34.8576, 16.1767** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **21.2759, 16.1940, 40.5344**, and the grayscale version is **29.3905, 30.9211, 33.6730**.

A 20% lighter version of the original color is **52.9852, 67.4839, 37.8368**, and **10.3982, 15.0964, 4.9506** is the 20% darker color. If you saturate the color by 10%, you get **24.1358, 33.9035, 12.4612**, and if you desaturate by 10%, it is **28.4405, 35.9426, 20.7978**.

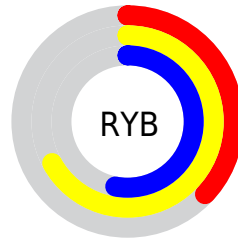
Distribution



Red (52%)

Green (67%)

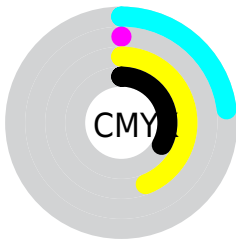
Blue (37%)



Red (37%)

Yellow (67%)

Blue (53%)

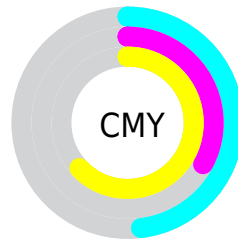


Cyan (23%)

Magenta (0%)

Yellow (44%)

Black (33%)



Cyan (48%)

Magenta (33%)

Yellow (63%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 26.1442, 34.8576, 16.1767 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 26.1442, 34.8576, 16.1767 by changing the saturation by 10% instead.

■ 26.1442, 34.8576,
16.1767

■ 26.1442, 34.8576,
16.1767

275.7330,
323.9393, 242.2633

■ 17.0648, 23.5532,
9.4936

■ 52.9371, 67.2651,
37.6757

■ 10.3763, 15.0025,
4.9633

■ 71.3814, 89.1370,
53.3287

■ 5.7133, 8.8212,
2.1674

■ 93.6779, 115.3002,
72.8088

■ 2.7106, 4.6247,
0.6555

■ 120.1922,
146.1391, 96.5344

■ 1.0026, 2.0288,
0.0000

151.2894,
182.0380, 124.9241

■ 0.0000, 0.6241,
0.0000

187.3351,

■ 0.0000, 0.0000,

223.3815, 158.3965

0.0000

228.6945,
270.5538, 197.3700

■ 26.1442, 34.8576,
16.1767

■ 26.1442, 34.8576,
16.1767

■ 24.1358, 33.9035,
12.4612

■ 28.4405, 35.9426,
20.7978

■ 22.3985, 33.0697,
9.5894

■ 31.0350, 37.1593,
26.3764

■ 20.9177, 32.3511,
7.4954


■ 33.9407, 38.5145,
32.9631


■ 19.6757, 31.7403,
6.1023


■ 37.1690, 40.0129,
40.6045


■ 18.6517, 31.2288,
5.3175


■ 40.7305, 41.6592,
49.3440

 18.1527, 30.9775,
5.0225

 44.6356, 43.4577,
59.2228

 48.8938, 45.4126,
70.2798

 53.5146, 47.5279,
82.5522

 58.5068, 49.8073,
96.0755

Harmonies

Analogous

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



31.5416, 34.8576, 12.5130



26.1442, 34.8576, 16.1767



22.9471, 34.8576, 25.9180

Triad

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



26.1442, 34.8576, 16.1767



28.6074, 34.8576, 81.1108



47.0059, 34.8576, 33.5124

Complementary

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



26.1442, 34.8576, 16.1767



21.2759, 16.1940, 40.5344

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.



45.9545, 34.8576, 53.2362



26.1442, 34.8576, 16.1767



34.7732, 34.8576, 85.1630

Square

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



26.1442, 34.8576, 16.1767



24.2353, 34.8576, 63.9232



41.2636, 34.8576, 73.6735



43.9742, 34.8576, 20.1867

Rectangle

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



26.1442, 34.8576, 16.1767



22.2246, 34.8576, 36.4190



41.2636, 34.8576, 73.6735



47.1245, 34.8576, 39.5316

Sweetspot

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



26.1451, 34.8591, 16.1775



61.4540, 69.2861, 60.5922



27.2490, 26.2605, 14.4596



13.4398, 15.3279, 12.8983



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.



26.1451, 34.8591, 16.1775



43.3945, 60.7979, 22.6166



21.3488, 32.3866, 15.9530



8.2617, 9.1235, 8.5389



13.7442, 23.3825, 3.7889



0.4457, 0.6831, 0.1084

Inverse Universe

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



21.2759, 16.1940, 40.5344



33.5785, 23.1786, 71.7060



28.2389, 19.7836, 40.8603



7.9561, 7.9517, 10.0682



8.6189, 3.8031, 29.3243



0.3027, 0.1382, 0.8187

Previews

White Background



This preview shows how the XYZ color 26.1442, 34.8576, 16.1767 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 26.1442, 34.8576, 16.1767 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 26.1442, 34.8576, 16.1767

Background



This preview shows how black text looks on a background with the XYZ color 26.1442, 34.8576, 16.1767.



This preview shows how white text looks on a background with the XYZ color 26.1442, 34.8576,

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

26.1442, 34.8576, 16.1767

Protanopia

31.7420, 34.5503, 14.8934

Deuteranopia

35.2667, 34.5830, 16.8730



Tritanopia

32.1598, 34.8651, 45.5921

Trichromacy



Original Color

26.1442, 34.8576, 16.1767

Protanomaly

29.3270, 34.3380, 15.2074

Deuteranomaly

31.1803, 34.2242, 16.5178

Tritanomaly

29.4587, 34.5610, 32.3124

Monochromacy



Original Color

26.1442, 34.8576, 16.1767

Achromatopsia

29.4150, 30.9469, 33.7012

Achromatomaly

27.8252, 32.0217, 26.1870

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.1442, 34.8576, 16.1767 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(132, 171, 95)` looks like.

```
.text, #text, p{  
    color:rgb(132, 171, 95)  
}
```

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(132, 171, 95) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(132, 171, 95) }
```

Border

The CSS property to change the border of an element to XYZ 26.1442, 34.8576, 16.1767 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(132, 171, 95) }
```


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

```
.border{ border-color:rgb(132, 171, 95) }
```

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

Here you see how a box with a 4 pixel rgb(132, 171, 95) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(132, 171, 95); -webkit-box-  
shadow:4px 4px 4px 4px rgb(132, 171, 95);  
box-shadow:4px 4px 4px 4px rgb(132, 171,  
95) }
```

Background

The CSS property to change the background color of an element to XYZ 26.1442, 34.8576, 16.1767 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(132, 171, 95) }
```

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

```
.background{ background-color: rgb(132,  
171, 95) }
```

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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