

Converting Colors

XYZ(26.3914, 36.0402, 18.8123)

Have a look what the booklet for
XYZ(26.3914, 36.0402, 18.8123)
contains.

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Color

**XYZ(26.4840, 36.1155,
18.9397)**

Conversions

Conversions Part 1

Format	Color
Hex	7EAF69
RGB	126, 175, 105
RGB Percent	49%, 69%, 41%
CMY	0.5059, 0.3137, 0.5882
CMYK	0.28, 0.00, 0.40, 0.31
HSL	102°, 30%, 55%
HSV	102°, 40%, 69%
XYZ	26.4840, 36.1155, 18.9397
YIQ	152.3690, -6.7340, -32.1580

Conversions

Conversions Part 2

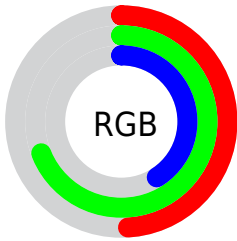
Format	Color
RYB	105, 175, 154
Decimal	8302441
CIELab	66.61, -29.49, 30.78
CIElCh	67, 42.632, 133.773
Yxy	36.1155, 0.3248, 0.4429
Android (android.graphics.Color)	4286492521 (0xFF7EAF69)
YUV	152.3690, -23.3529, -23.1256
Hunter-Lab	60.0962, -26.5045, 23.3817

Details

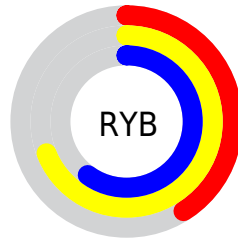
The XYZ color **26.4840, 36.1155, 18.9397** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **26.1173, 20.0693, 43.0566**, and the grayscale version is **30.1053, 31.6731, 34.4920**.

A 20% lighter version of the original color is **53.4841, 69.2894, 42.4536**, and **10.4974, 15.6604, 6.2109** is the 20% darker color. If you saturate the color by 10%, you get **23.9785, 34.9184, 14.6008**, and if you desaturate by 10%, it is **29.3977, 37.5038, 24.2655**.

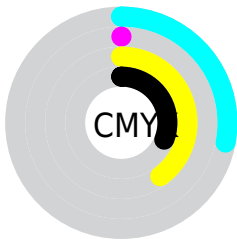
Distribution



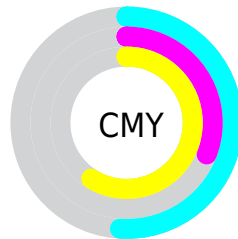
- Red (49%)
- Green (69%)
- Blue (41%)



- Red (41%)
- Yellow (69%)
- Blue (60%)



- Cyan (28%)
- Magenta (0%)
- Yellow (40%)
- Black (31%)



- Cyan (51%)
- Magenta (31%)
- Yellow (59%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 26.4840, 36.1155, 18.9397 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 26.4840, 36.1155, 18.9397 by changing the saturation by 10% instead.

■ 26.4840, 36.1155,
18.9397

■ 26.4840, 36.1155,
18.9397

277.3633,
329.4651, 258.5273

■ 17.3206, 24.5234,
11.4503

■ 53.4805, 69.2103,
42.4675

■ 10.5601, 15.7223,
6.2526

■ 72.0443, 91.4818,
59.3431

■ 5.8370, 9.3279,
2.9280

■ 94.4724, 118.0819,
80.1844

■ 2.7859, 4.9557,
1.0580

■ 121.1300,
149.3950, 105.4101

■ 1.0416, 2.2213,
0.0000

152.3826,
185.8054, 135.4387

■ 0.0000, 0.7316,
0.0000

188.5954,

■ 0.0000, 0.0000,

227.6977, 170.6888

0.0000

230.1339,
275.4561, 211.5788

■ 26.4840, 36.1155,
18.9397

■ 26.4840, 36.1155,
18.9397

■ 23.9785, 34.9184,
14.6008

■ 29.3977, 37.5038,
24.2655

■ 21.8592, 33.8992,
11.1856

■ 32.7348, 39.0867,
30.6311

■ 20.1056, 33.0501,
8.6279


■ 36.5132, 40.8734,
38.0888

■ 18.6945, 32.3605,
6.8510


■ 40.7489, 42.8711,
46.6864


■ 17.5991, 31.8187,
5.7651


■ 45.4568, 45.0864,
56.4690

 16.7726, 31.4047,
5.1777

 50.6515, 47.5261,
67.4793

 56.3465, 50.1961,
79.7577

 62.5553, 53.1026,
93.3429

 68.0581, 55.7583,
101.7831

Harmonies

Analogous

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



31.4742, 36.1155, 14.0318



26.4840, 36.1155, 18.9397



23.7970, 36.1155, 30.2583

Triad

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



26.4840, 36.1155, 18.9397



30.9952, 36.1155, 83.9058



47.7484, 36.1155, 31.5018

Complementary

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



26.4840, 36.1155, 18.9397



26.1173, 20.0693, 43.0566

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.



47.5783, 36.1155, 50.0397



26.4840, 36.1155, 18.9397



37.3465, 36.1155, 84.5564

Square

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



26.4840, 36.1155, 18.9397



26.1711, 36.1155, 69.1596



43.5824, 36.1155, 70.7297



44.0218, 36.1155, 19.6045

Rectangle

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



26.4840, 36.1155, 18.9397



23.4350, 36.1155, 41.6932



43.5824, 36.1155, 70.7297



48.1581, 36.1155, 37.0456

Sweetspot

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



26.4849, 36.1171, 18.9405



63.8278, 72.4610, 65.0920



31.7861, 33.2466, 18.1070



13.9909, 16.0128, 14.0790



84.5950, 89.0005, 96.9216



16.2198, 17.0645, 18.5832

Same Dimension

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



26.4849, 36.1171, 18.9405



43.4317, 62.7691, 26.9705



24.4865, 34.9967, 22.9179



8.1220, 9.0515, 8.5324



12.0663, 22.5175, 3.7103



0.3916, 0.6552, 0.1058

Inverse Universe

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



26.1173, 20.0693, 43.0566



42.6563, 30.0088, 76.1809



29.1651, 21.7913, 36.3887



8.0996, 8.0257, 10.0749



11.4045, 5.2391, 29.4547



0.3690, 0.1724, 0.8218

Previews

White Background



This preview shows how the XYZ color 26.4840, 36.1155, 18.9397 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 26.4840, 36.1155, 18.9397 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 26.4840, 36.1155, 18.9397

Background



This preview shows how black text looks on a background with the XYZ color 26.4840, 36.1155, 18.9397.



This preview shows how white text looks on a background with the XYZ color 26.4840, 36.1155,

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

26.4840, 36.1155, 18.9397

Protanopia

32.9496, 35.6399, 17.1992

Deuteranopia

36.3624, 35.5744, 19.7019



Tritanopia

32.2541, 35.9304, 47.8831

Trichromacy



Original Color

26.4840, 36.1155, 18.9397

Protanomaly

30.1350, 35.5008, 17.8344

Deuteranomaly

31.9893, 35.3584, 19.3262

Tritanomaly

29.6870, 35.7113, 35.0341

Monochromacy



Original Color

26.4840, 36.1155, 18.9397

Achromatopsia

29.8446, 31.3989, 34.1934

Achromatomaly

28.2717, 32.7305, 27.7492

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.4840, 36.1155, 18.9397 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(126, 175, 105)` looks like.

```
.text, #text, p{  
    color:rgb(126, 175, 105)  
}
```

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(126, 175, 105) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(126, 175, 105) }
```

Border

The CSS property to change the border of an element to XYZ 26.4840, 36.1155, 18.9397 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(126, 175, 105) }
```


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

```
.border{ border-color:rgb(126, 175, 105) }
```

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

Here you see how a box with a 4 pixel `rgb(126, 175, 105)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(126, 175, 105); -webkit-box-  
shadow:4px 4px 4px 4px rgb(126, 175, 105);  
box-shadow:4px 4px 4px 4px rgb(126, 175,  
105) }
```

Background

The CSS property to change the background color of an element to XYZ 26.4840, 36.1155, 18.9397 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(126, 175, 105) }
```

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

```
.background{ background-color: rgb(126,  
175, 105) }
```

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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