

Converting Colors

XYZ(26.1686, 36.4834, 12.2697)

Have a look what the booklet for
XYZ(26.1686, 36.4834, 12.2697)
contains.

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Color

**XYZ(26.1554, 36.3840,
12.3009)**

Conversions

Conversions Part 1

Format	Color
Hex	83B04B
RGB	131, 176, 75
RGB Percent	51%, 69%, 29%
CMY	0.4863, 0.3098, 0.7059
CMYK	0.26, 0.00, 0.57, 0.31
HSL	87°, 40%, 49%
HSV	87°, 57%, 69%
XYZ	26.1554, 36.3840, 12.3009
YIQ	151.0310, 5.6010, -40.9510

Conversions

Conversions Part 2

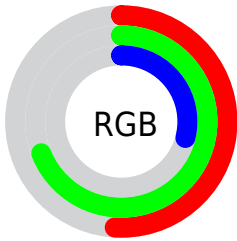
Format	Color
RYB	75, 176, 120
Decimal	8630347
CIELab	66.81, -31.73, 46.10
CIElCh	67, 55.960, 124.541
Yxy	36.3840, 0.3495, 0.4862
Android (android.graphics.Color)	4286820427 (0xFF83B04B)
YUV	151.0310, -37.4833, -17.5672
Hunter-Lab	60.3192, -28.1579, 30.1324

Details

The XYZ color **26.1554, 36.3840, 12.3009** is a dark color, and the websafe version is hex **669933**. A complement of this color would be **18.0999, 12.1609, 42.4698**, and the grayscale version is **29.5833, 31.1239, 33.8939**.

A 20% lighter version of the original color is **52.9371, 69.6846, 30.7391**, and **10.3697, 15.8435, 3.2706** is the 20% darker color. If you saturate the color by 10%, you get **24.4656, 35.5743, 9.5008**, and if you desaturate by 10%, it is **28.1055, 37.3110, 15.9845**.

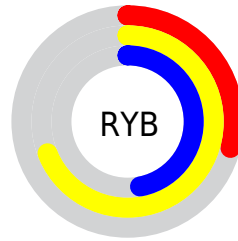
Distribution



Red (51%)

Green (69%)

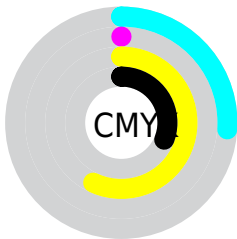
Blue (29%)



Red (29%)

Yellow (69%)

Blue (47%)

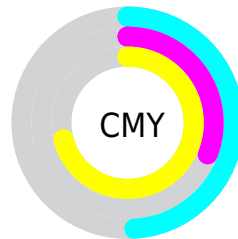


Cyan (26%)

Magenta (0%)

Yellow (57%)

Black (31%)



Cyan (49%)

Magenta (31%)

Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 26.1554, 36.3840, 12.3009 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 26.1554, 36.3840, 12.3009 by changing the saturation by 10% instead.

■ 26.1554, 36.3840,
12.3009

■ 26.1554, 36.3840,
12.3009

275.7868,
330.6358, 217.4354

■ 17.0732, 24.7309,
6.8239

■ 52.9551, 69.6243,
30.7145

■ 10.3823, 15.8767,
3.2755

■ 71.4032, 91.9804,
44.4882

■ 5.7174, 9.4369,
1.2369

■ 93.7041, 118.6729,
61.8646

■ 2.7130, 5.0273,
0.0093

■ 120.2231,
150.0862, 83.2622

■ 1.0039, 2.2633,
0.0000

■ 151.3255,
186.6048, 109.0995

■ 0.0000, 0.7542,
0.0000

187.3767,

■ 0.0000, 0.0000,

228.6130, 139.7952

0.0000

228.7420,
276.4952, 175.7676

■ 26.1554, 36.3840,
12.3009

■ 26.1554, 36.3840,
12.3009

■ 24.4656, 35.5743,
9.5008

■ 28.1055, 37.3110,
15.9845

■ 23.0175, 34.8704,
7.5074

■ 30.3279, 38.3564,
20.6152

■ 21.7933, 34.2662,
6.2347

■ 32.8365, 39.5275,
26.2535

■ 20.7660, 33.7506,
5.5522

■ 35.6437, 40.8293,
32.9541

■ 20.5179, 33.6256,
5.4090

■ 38.7609, 42.2665,
40.7680

■ 42.1988, 43.8437,
49.7427

■ 45.9676, 45.5652,
59.9229

■ 50.0770, 47.4350,
71.3510

■ 54.5364, 49.4570,
84.0675

Harmonies

Analogous

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



33.3101, 36.3840, 8.9610



26.1554, 36.3840, 12.3009



21.8773, 36.3840, 22.7767

Triad

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



26.1554, 36.3840, 12.3009



28.0509, 36.3840, 98.3118



53.4613, 36.3840, 36.0413

Complementary

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



26.1554, 36.3840, 12.3009



18.0999, 12.1609, 42.4698

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.



51.4438, 36.3840, 63.2023



26.1554, 36.3840, 12.3009



35.8857, 36.3840, 106.5551

Square

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



26.1554, 36.3840, 12.3009



22.8401, 36.3840, 72.3309



44.6479, 36.3840, 91.7057



49.7840, 36.3840, 18.6394

Rectangle

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



26.1554, 36.3840, 12.3009



20.7864, 36.3840, 35.3478



44.6479, 36.3840, 91.7057



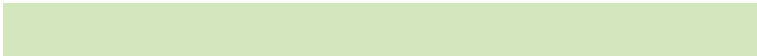
53.4309, 36.3840, 44.2146

Sweetspot

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



26.1563, 36.3856, 12.3017



64.6899, 74.0689, 59.8808



25.7450, 22.8776, 9.7161



13.7952, 15.9482, 12.4307



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.



26.1563, 36.3856, 12.3017



43.5860, 64.1373, 16.0682



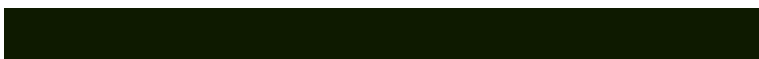
20.2530, 33.3424, 12.0254



8.8244, 9.7145, 9.0625



15.1217, 24.7056, 3.9717



0.5417, 0.8113, 0.1280

Inverse Universe

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



18.0999, 12.1609, 42.4698



27.5801, 15.9348, 76.1174



26.7735, 16.6323, 42.8757



8.3894, 8.4093, 10.6873



8.1458, 3.5351, 30.3900



0.3238, 0.1460, 0.9594

Previews

White Background



This preview shows how the XYZ color 26.1554, 36.3840, 12.3009 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 26.1554, 36.3840, 12.3009 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 26.1554, 36.3840, 12.3009

Background



This preview shows how black text looks on a background with the XYZ color 26.1554, 36.3840, 12.3009.



This preview shows how white text looks on a background with the XYZ color 26.1554, 36.3840,

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

26.1554, 36.3840, 12.3009

Protanopia

32.8801, 35.9989, 11.1768

Deuteranopia

36.5940, 35.8474, 12.7751



Tritanopia

33.1681, 36.1444, 47.3479

Trichromacy



Original Color

26.1554, 36.3840, 12.3009

Protanomaly

29.8887, 35.7867, 11.4631

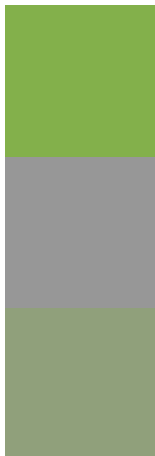
Deuteranomaly

31.7872, 35.4038, 12.5554

Tritanomaly

29.8109, 35.8745, 30.5526

Monochromacy



Original Color

26.1554, 36.3840, 12.3009

Achromatopsia

29.4150, 30.9469, 33.7012

Achromatomaly

27.6476, 32.5010, 23.5550

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.1554, 36.3840, 12.3009 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(131, 176, 75)` looks like.

```
.text, #text, p{  
    color:rgb(131, 176, 75)  
}
```

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(131, 176, 75) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(131, 176, 75) }
```

Border

The CSS property to change the border of an element to XYZ 26.1554, 36.3840, 12.3009 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(131, 176, 75) }
```


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

```
.border{ border-color:rgb(131, 176, 75) }
```

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

Here you see how a box with a 4 pixel `rgb(131, 176, 75)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(131, 176, 75); -webkit-box-  
shadow:4px 4px 4px 4px rgb(131, 176, 75);  
box-shadow:4px 4px 4px 4px rgb(131, 176,  
75) }
```

Background

The CSS property to change the background color of an element to XYZ 26.1554, 36.3840, 12.3009 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(131, 176, 75) }
```

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

```
.background{ background-color: rgb(131,  
176, 75) }
```

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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