

Converting Colors

XYZ(26.2306, 36.3611, 15.0871)

Have a look what the booklet for
XYZ(26.2306, 36.3611, 15.0871)
contains.

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Color

**XYZ(26.2306, 36.3611,
15.0871)**

Conversions

Conversions Part 1

Format	Color
Hex	80B059
RGB	128, 176, 89
RGB Percent	50%, 69%, 35%
CMY	0.4980, 0.3098, 0.6510
CMYK	0.27, 0.00, 0.49, 0.31
HSL	93°, 36%, 52%
HSV	93°, 49%, 69%
XYZ	26.2306, 36.3611, 15.0871
YIQ	151.7300, -0.6810, -37.2330

Conversions

Conversions Part 2

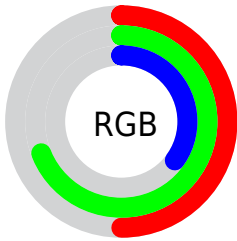
Format	Color
RYB	89, 176, 137
Decimal	8433753
CIELab	66.79, -31.34, 39.26
CIELCh	67, 50.234, 128.604
Yxy	36.3611, 0.3377, 0.4681
Android (android.graphics.Color)	4286623833 (0xFF80B059)
YUV	151.7300, -30.9259, -20.8112
Hunter-Lab	60.3002, -27.8777, 27.3758

Details

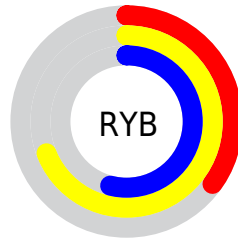
The XYZ color **26.2306, 36.3611, 15.0871** is a dark color, and the websafe version is hex **99CC66**. A complement of this color would be **21.7269, 15.5988, 42.9420**, and the grayscale version is **29.8587, 31.4137, 34.2095**.

A 20% lighter version of the original color is **53.1928, 69.7036, 35.8499**, and **10.4297, 15.8489, 4.4289** is the 20% darker color. If you saturate the color by 10%, you get **24.1869, 35.3841, 11.5841**, and if you desaturate by 10%, it is **28.5926, 37.4840, 19.5288**.

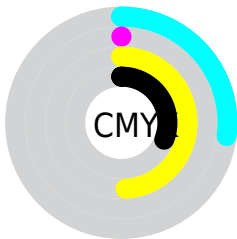
Distribution



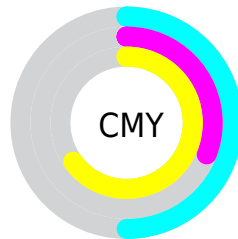
- Red (50%)
- Green (69%)
- Blue (35%)



- Red (35%)
- Yellow (69%)
- Blue (54%)



- Cyan (27%)
- Magenta (0%)
- Yellow (49%)
- Black (31%)





- Cyan (50%)
- Magenta (31%)
- Yellow (65%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 26.2306, 36.3611, 15.0871 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 26.2306, 36.3611, 15.0871 by changing the saturation by 10% instead.


 26.2306, 36.3611,
15.0871


 26.2306, 36.3611,
15.0871


276.1482,
330.5361, 235.5517


 17.1298, 24.7132,
8.7332


 53.0754, 69.5891,
35.7504

 10.4230, 15.8635,
4.4732


 71.5501, 91.9379,
50.8969

 5.7447, 9.4276,
1.8883


 93.8802, 118.6225,
69.8113

 2.7296, 5.0211,
0.4853

 120.4309,
150.0273, 92.9122

 1.0125, 2.2597,
0.0000

151.5678,
186.5367, 120.6182

 0.0000, 0.7522,
0.0000

187.6560,

 0.0000, 0.0000,

228.5350, 153.3477

0.0000

229.0611,
276.4067, 191.5194

■ 26.2306, 36.3611,
15.0871

■ 26.2306, 36.3611,
15.0871

■ 24.1869, 35.3841,
11.5841

■ 28.5926, 37.4840,
19.5288

■ 22.4422, 34.5412,
8.9499

■ 31.2856, 38.7547,
24.9677

■ 20.9787, 33.8259,
7.1086


■ 34.3245, 40.1808,
31.4605


■ 19.7750, 33.2294,
5.9700


■ 37.7228, 41.7680,
39.0588


■ 18.7931, 32.7357,
5.3569


■ 41.4928, 43.5217,
47.8109

 18.7416, 32.7098,
5.3258

 45.6464, 45.4470,
57.7621

 50.1949, 47.5488,
68.9554

 55.1491, 49.8318,
81.4316

 60.5193, 52.3004,
95.2297

Harmonies

Analogous

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



32.4224, 36.3611, 10.9763



26.2306, 36.3611, 15.0871



22.6748, 36.3611, 26.2170

Triad

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



26.2306, 36.3611, 15.0871



29.5048, 36.3611, 92.6507



51.0915, 36.3611, 33.6613

Complementary

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



26.2306, 36.3611, 15.0871



21.7269, 15.5988, 42.9420

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.



50.0072, 36.3611, 56.8800



26.2306, 36.3611, 15.0871



36.7899, 36.3611, 96.9641

Square

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



26.2306, 36.3611, 15.0871



24.3637, 36.3611, 71.8146



44.4891, 36.3611, 82.0598



47.2657, 36.3611, 18.8194

Rectangle

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



26.2306, 36.3611, 15.0871



21.9271, 36.3611, 38.5817



44.4891, 36.3611, 82.0598



51.2994, 36.3611, 40.6179

Sweetspot

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



26.2315, 36.3627, 15.0879



64.7393, 74.0353, 62.5523



28.6334, 27.8015, 13.3088



13.7611, 15.9189, 12.9594



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.



26.2315, 36.3627, 15.0879



43.6597, 64.0733, 20.6783



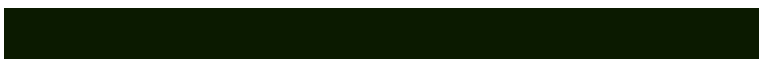
21.6376, 33.9727, 15.8549



8.7386, 9.6703, 9.0585



13.8159, 24.0324, 3.9105



0.5022, 0.7910, 0.1262

Inverse Universe

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



21.7269, 15.5988, 42.9420



34.5444, 22.1209, 76.9444



28.8911, 19.3410, 41.0660



8.4752, 8.4535, 10.6913



9.4435, 4.2041, 30.4507



0.3631, 0.1663, 0.9612

Previews

White Background



This preview shows how the XYZ color 26.2306, 36.3611, 15.0871 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 26.2306, 36.3611, 15.0871 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

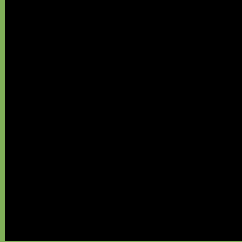
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 26.2306, 36.3611, 15.0871

Background



This preview shows how black text looks on a background with the XYZ color 26.2306, 36.3611, 15.0871.



This preview shows how white text looks on a background with the XYZ color 26.2306, 36.3611,

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

26.2306, 36.3611, 15.0871

Protanopia

33.1110, 36.0645, 13.6035

Deuteranopia

36.6019, 35.7897, 15.5686



Tritanopia

32.7574, 36.1898, 47.9067

Trichromacy



Original Color

26.2306, 36.3611, 15.0871

Protanomaly

29.9956, 35.7829, 14.1300

Deuteranomaly

31.8654, 35.3840, 15.2755

Tritanomaly

29.7164, 36.0590, 32.5880

Monochromacy



Original Color

26.2306, 36.3611, 15.0871

Achromatopsia

29.8446, 31.3989, 34.1934

Achromatomaly

28.0350, 32.9144, 25.6444

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.2306, 36.3611, 15.0871 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(128, 176, 89)` looks like.

```
.text, #text, p{  
    color:rgb(128, 176, 89)  
}
```

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(128, 176, 89) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(128, 176, 89) }
```

Border

The CSS property to change the border of an element to XYZ 26.2306, 36.3611, 15.0871 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(128, 176, 89) }
```


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

```
.border{ border-color:rgb(128, 176, 89) }
```

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

Here you see how a box with a 4 pixel `rgb(128, 176, 89)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(128, 176, 89); -webkit-box-  
shadow:4px 4px 4px 4px rgb(128, 176, 89);  
box-shadow:4px 4px 4px 4px rgb(128, 176,  
89) }
```

Background

The CSS property to change the background color of an element to XYZ 26.2306, 36.3611, 15.0871 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(128, 176, 89) }
```

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

```
.background{ background-color: rgb(128,  
176, 89) }
```

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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