

Converting Colors

XYZ(27.0165, 38.8507, 24.4370)

Have a look what the booklet for
XYZ(27.0165, 38.8507, 24.4370)
contains.

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Color

**XYZ(27.0837, 39.0011,
24.5129)**

Conversions

Conversions Part 1

Format	Color
Hex	6EB87A
RGB	110, 184, 122
RGB Percent	43%, 72%, 48%
CMY	0.5686, 0.2784, 0.5216
CMYK	0.40, 0.00, 0.34, 0.28
HSL	130°, 34%, 58%
HSV	130°, 40%, 72%
XYZ	27.0837, 39.0011, 24.5129
YIQ	154.8060, -24.2020, -34.9700

Conversions

Conversions Part 2

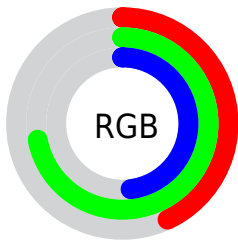
Format	Color
RYB	110, 174, 184
Decimal	7256186
CIELab	68.75, -36.29, 24.46
CIELCh	69, 43.760, 146.021
Yxy	39.0011, 0.2989, 0.4305
Android (android.graphics.Color)	4285446266 (0xFF6EB87A)
YUV	154.8060, -16.1734, -39.2949
Hunter-Lab	62.4509, -31.8771, 20.4434

Details

The XYZ color **27.0837, 39.0011, 24.5129** is a dark color, and the websafe version is hex **66CC99**. A complement of this color would be **32.7906, 24.3214, 41.9971**, and the grayscale version is **31.1476, 32.7697, 35.6862**.

A 20% lighter version of the original color is **54.2078, 73.3078, 51.8502**, and **10.8726, 17.3162, 9.0726** is the 20% darker color. If you saturate the color by 10%, you get **24.1471, 37.5901, 19.7788**, and if you desaturate by 10%, it is **30.6492, 40.7210, 30.0691**.

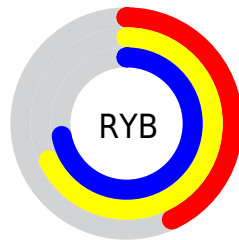
Distribution



Red (43%)

Green (72%)

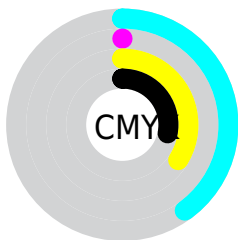
Blue (48%)



Red (43%)

Yellow (68%)

Blue (72%)

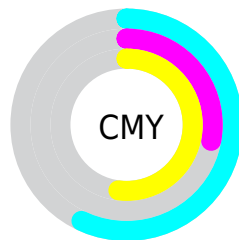


Cyan (40%)

Magenta (0%)

Yellow (34%)

Black (28%)



Cyan (57%)


Magenta (28%)


Yellow (52%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 27.0837, 39.0011, 24.5129 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 27.0837, 39.0011, 24.5129 by changing the saturation by 10% instead.


 27.0837, 39.0011,
24.5129


 27.0837, 39.0011,
24.5129


280.2223,
341.8952, 288.7730


 17.7730, 26.7606,
15.4988


 54.4371, 73.6400,
51.8202


 10.8858, 17.3935,
9.0197


 73.2105, 96.8072,
70.9504

 6.0568, 10.5154,
4.6571


 95.8689, 124.3854,
94.2899

 2.9207, 5.7420,
1.9923

 122.7775,
156.7589, 122.2570

 1.1119, 2.6889,
0.5505

154.3018,
194.3123, 155.2703

 0.0351, 0.9715,
0.0000

190.8072,

 0.0000, 0.0000,

237.4299, 193.7484

0.0000

232.6589,
286.4960, 238.1098

■ 27.0837, 39.0011,
24.5129

■ 27.0837, 39.0011,
24.5129

■ 24.1471, 37.5901,
19.7788

■ 30.6492, 40.7210,
30.0691

■ 21.7997, 36.4651,
15.8254

■ 34.8744, 42.7616,
36.4812

■ 20.0018, 35.6075,
12.6113


■ 39.7916, 45.1400,
43.7841


■ 18.7074, 34.9946,
10.0905


■ 45.4301, 47.8705,
52.0102


■ 17.8628, 34.5999,
8.2116

■ 51.8175, 50.9668,
61.1901

 17.3736, 34.3754,
6.9371

 58.9801, 54.4417,
71.3532

 66.9426, 58.3074,
82.5273

 74.9135, 62.1554,
94.7013

 76.4313, 62.7625,
102.6938

Harmonies

Analogous

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



31.5270, 39.0011, 16.5802



27.0837, 39.0011, 24.5129



25.3049, 39.0011, 39.8730

Triad

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



27.0837, 39.0011, 24.5129



36.1527, 39.0011, 93.0273



50.3752, 39.0011, 27.8311

Complementary

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



27.0837, 39.0011, 24.5129



32.7906, 24.3214, 41.9971

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.



52.0099, 39.0011, 45.1682



27.0837, 39.0011, 24.5129



43.2260, 39.0011, 86.8034

Square

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



27.0837, 39.0011, 24.5129



30.1116, 39.0011, 82.6091



49.2496, 39.0011, 67.5556



45.0240, 39.0011, 18.0349

Rectangle

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



27.0837, 39.0011, 24.5129



25.6830, 39.0011, 53.8893



49.2496, 39.0011, 67.5556



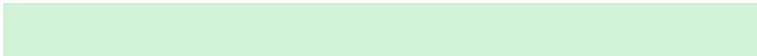
51.4041, 39.0011, 32.7824

Sweetspot

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



27.0847, 39.0027, 24.5138



70.2606, 80.9204, 76.6115



37.1679, 44.2815, 21.3402



14.8908, 17.3209, 16.1375



88.6918, 93.3107, 101.6153



17.8044, 18.7317, 20.3988

Same Dimension

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



27.0847, 39.0027, 24.5138



44.4583, 68.4693, 36.9799



29.7521, 40.0697, 38.5602



8.9482, 10.0832, 9.8845



11.9910, 23.6974, 4.8746



0.4414, 0.8429, 0.2701

Inverse Universe

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



32.7906, 24.3214, 41.9971



56.1786, 38.2727, 72.8615



29.7810, 23.1176, 26.1484



9.3167, 9.1370, 11.0150



17.6744, 8.6435, 21.9700



0.6400, 0.3115, 0.8636

Previews

White Background



This preview shows how the XYZ color 27.0837, 39.0011, 24.5129 looks on a white background.

Color Contrast Check

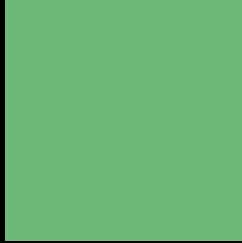
Large Text (above 18pt) WCAG AA × Fail

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 27.0837, 39.0011, 24.5129 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

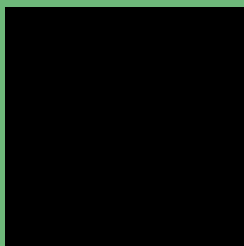
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 27.0837, 39.0011, 24.5129

Background



This preview shows how black text looks on a background with the XYZ color 27.0837, 39.0011, 24.5129.

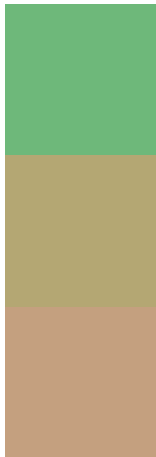


This preview shows how white text looks on a background with the XYZ color 27.0837, 39.0011,

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

27.0837, 39.0011, 24.5129

Protanopia

35.7356, 38.5785, 21.7826

Deuteranopia

39.1665, 38.4097, 25.4282



Tritanopia

33.1318, 39.0535, 54.5070

Trichromacy



Original Color

27.0837, 39.0011, 24.5129



Protanomaly

31.7312, 38.1637, 22.8335



Deuteranomaly

33.4067, 37.8559, 24.9482



Tritanomaly

30.5194, 38.8788, 41.4931

Monochromacy



Original Color

27.0837, 39.0011, 24.5129



Achromatopsia

31.1553, 32.7778, 35.6950



Achromatomaly

29.2416, 34.7446, 31.1518

CSS Examples

Text

The CSS property to change the color of the text to XYZ 27.0837, 39.0011, 24.5129 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(110, 184, 122)` looks like.

```
.text, #text, p{  
    color:rgb(110, 184, 122)  
}
```

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(110, 184, 122) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(110, 184, 122) }
```

Border

The CSS property to change the border of an element to XYZ 27.0837, 39.0011, 24.5129 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(110, 184, 122) }
```


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

```
.border{ border-color:rgb(110, 184, 122) }
```

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

Here you see how a box with a 4 pixel `rgb(110, 184, 122)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(110, 184, 122); -webkit-box-  
shadow:4px 4px 4px 4px rgb(110, 184, 122);  
box-shadow:4px 4px 4px 4px rgb(110, 184,  
122) }
```

Background

The CSS property to change the background color of an element to XYZ 27.0837, 39.0011, 24.5129 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(110, 184, 122) }
```

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

```
.background{ background-color: rgb(110,  
184, 122) }
```

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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