

Converting Colors

XYZ(27.3154, 34.7912, 18.8589)

Have a look what the booklet for
XYZ(27.3154, 34.7912, 18.8589)
contains.

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Color

**XYZ(27.4369, 34.9055,
18.9270)**

Conversions

Conversions Part 1

Format	Color
Hex	8BA96A
RGB	139, 169, 106
RGB Percent	55%, 66%, 42%
CMY	0.4549, 0.3372, 0.5843
CMYK	0.18, 0.00, 0.37, 0.34
HSL	89°, 27%, 54%
HSV	89°, 37%, 66%
XYZ	27.4369, 34.9055, 18.9270
YIQ	152.8480, 2.3430, -25.9530

Conversions

Conversions Part 2

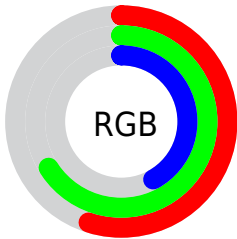
Format	Color
RYB	106, 169, 136
Decimal	9152874
CIELab	65.68, -21.60, 29.20
CIELCh	66, 36.321, 126.491
Yxy	34.9055, 0.3376, 0.4295
Android (android.graphics.Color)	4287342954 (0xFF8BA96A)
YUV	152.8480, -23.0961, -12.1447
Hunter-Lab	59.0809, -20.4969, 22.3626

Details

The XYZ color **27.4369, 34.9055, 18.9270** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **22.4703, 18.4079, 39.9068**, and the grayscale version is **30.3094, 31.8879, 34.7259**.

A 20% lighter version of the original color is **54.8195, 67.1174, 42.4134**, and **11.1243, 15.0927, 6.1978** is the 20% darker color. If you saturate the color by 10%, you get **25.3487, 33.9218, 14.6851**, and if you desaturate by 10%, it is **29.7991, 36.0126, 24.0873**.

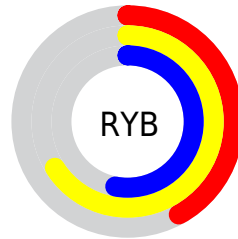
Distribution



Red (55%)

Green (66%)

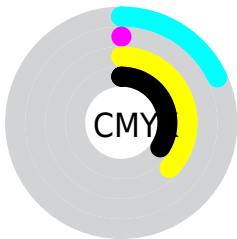
Blue (42%)



Red (42%)

Yellow (66%)

Blue (53%)

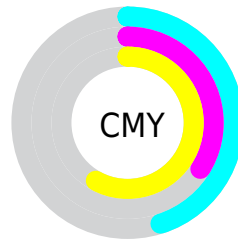


Cyan (18%)

Magenta (0%)

Yellow (37%)

Black (34%)



Cyan (45%)

Magenta (34%)

Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 27.4369, 34.9055, 18.9270 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 27.4369, 34.9055, 18.9270 by changing the saturation by 10% instead.

■ 27.4369, 34.9055,
18.9270

■ 27.4369, 34.9055,
18.9270

281.8955,
324.1510, 258.4547

■ 18.0399, 23.5901,
11.4413

■ 54.9991, 67.3393,
42.4458

■ 11.0785, 15.0298,
6.2466

■ 73.8950, 89.2266,
59.3159

■ 6.1873, 8.8403,
2.9244

■ 96.6880, 115.4065,
80.1512

■ 3.0011, 4.6372,
1.0562

■ 123.7433,
146.2636, 105.3702

■ 1.1543, 2.0360,
0.0000

155.4264,
182.1822, 135.3916

■ 0.0698, 0.6283,
0.0000

192.1025,

■ 0.0000, 0.0000,

223.5467, 170.6338

0.0000

234.1371,
270.7415, 211.5153

■ 27.4369, 34.9055,
18.9270

■ 27.4369, 34.9055,
18.9270

■ 25.3487, 33.9218,
14.6851

■ 29.7991, 36.0126,
24.0873

■ 23.5195, 33.0517,
11.3053

■ 32.4440, 37.2432,
30.2134

■ 21.9366, 32.2911,
8.7289


■ 35.3833, 38.6035,
37.3518


■ 20.5851, 31.6337,
6.8887


■ 38.6270, 40.0977,
45.5457


■ 19.4478, 31.0724,
5.7066

■ 42.1848, 41.7299,
54.8357


 18.4996, 30.5969,
5.0628

 46.0656, 43.5038,
65.2600

 18.2624, 30.4775,
4.9202

 50.2783, 45.4232,
76.8554

 54.8311, 47.4917,
89.6566

 59.2282, 49.5110,
101.0427

Harmonies

Analogous

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



32.0292, 34.9055, 15.6348



27.4369, 34.9055, 18.9270



24.6231, 34.9055, 27.4410

Triad

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



27.4369, 34.9055, 18.9270



29.2469, 34.9055, 71.8550



44.4610, 34.9055, 34.7774

Complementary

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



27.4369, 34.9055, 18.9270



22.4703, 18.4079, 39.9068

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.



43.5119, 34.9055, 50.9851



27.4369, 34.9055, 18.9270



34.3511, 34.9055, 75.3541

Square

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



27.4369, 34.9055, 18.9270



25.5870, 34.9055, 58.3153



39.6657, 34.9055, 66.8905



42.1357, 34.9055, 23.0624

Rectangle

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



27.4369, 34.9055, 18.9270



23.9465, 34.9055, 36.2346



39.6657, 34.9055, 66.8905



44.5177, 34.9055, 39.8345

Sweetspot

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



27.4378, 34.9070, 18.9278



61.2397, 68.1505, 61.6614



27.6849, 26.9167, 17.3724



13.1995, 14.7853, 13.0791



80.6108, 84.8088, 92.3568



14.7206, 15.4872, 16.8656

Same Dimension

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



27.4378, 34.9070, 18.9278



45.9172, 60.9957, 27.3189



22.9871, 32.6126, 18.7195



7.7976, 8.5938, 8.0371



13.6724, 22.7456, 3.6697



0.3911, 0.5836, 0.0920

Inverse Universe

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



22.4703, 18.4079, 39.9068



35.6825, 26.9940, 70.5548



28.2321, 21.3782, 40.1765



7.4589, 7.4692, 9.4669



7.8947, 3.4533, 28.2259



0.2515, 0.1146, 0.6895

Previews

White Background



This preview shows how the XYZ color 27.4369, 34.9055, 18.9270 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 27.4369, 34.9055, 18.9270 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

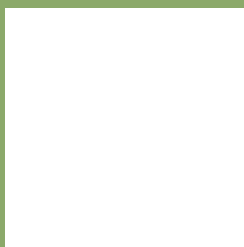
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 27.4369, 34.9055, 18.9270

Background



This preview shows how black text looks on a background with the XYZ color 27.4369, 34.9055, 18.9270.



This preview shows how white text looks on a background with the XYZ color 27.4369, 34.9055,

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

27.4369, 34.9055, 18.9270

Protanopia

32.0300, 34.6398, 17.5684

Deuteranopia

35.2779, 34.5294, 19.5573



Tritanopia

32.7793, 34.9353, 45.0599

Trichromacy



Original Color

27.4369, 34.9055, 18.9270

Protanomaly

30.2433, 34.7507, 17.9455

Deuteranomaly

31.7818, 34.2158, 19.3972

Tritanomaly

30.3773, 34.7406, 33.5383

Monochromacy



Original Color

27.4369, 34.9055, 18.9270

Achromatopsia

30.2779, 31.8547, 34.6897

Achromatomaly

29.0548, 32.8697, 28.1057

CSS Examples

Text

The CSS property to change the color of the text to XYZ 27.4369, 34.9055, 18.9270 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(139, 169, 106)` looks like.

```
.text, #text, p{  
    color:rgb(139, 169, 106)  
}
```

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(139, 169, 106) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(139, 169, 106) }
```

Border

The CSS property to change the border of an element to XYZ 27.4369, 34.9055, 18.9270 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(139, 169, 106) }
```


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

```
.border{ border-color:rgb(139, 169, 106) }
```

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

Here you see how a box with a 4 pixel `rgb(139, 169, 106)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(139, 169, 106); -webkit-box-  
shadow:4px 4px 4px 4px rgb(139, 169, 106);  
box-shadow:4px 4px 4px 4px rgb(139, 169,  
106) }
```

Background

The CSS property to change the background color of an element to XYZ 27.4369, 34.9055, 18.9270 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(139, 169, 106) }
```

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

```
.background{ background-color: rgb(139,  
169, 106) }
```

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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