

Converting Colors

XYZ(27.1459, 34.6781, 18.7471)

Have a look what the booklet for
XYZ(27.1459, 34.6781, 18.7471)
contains.

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Color

**XYZ(27.2190, 34.7991,
18.6469)**

Conversions

Conversions Part 1

Format	Color
Hex	8AA969
RGB	138, 169, 105
RGB Percent	54%, 66%, 41%
CMY	0.4588, 0.3372, 0.5882
CMYK	0.18, 0.00, 0.38, 0.34
HSL	89°, 27%, 54%
HSV	89°, 38%, 66%
XYZ	27.2190, 34.7991, 18.6469
YIQ	152.4350, 2.0680, -26.4760

Conversions

Conversions Part 2

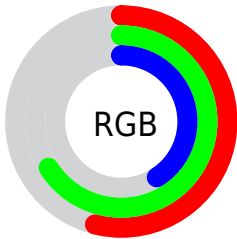
Format	Color
RYB	105, 169, 136
Decimal	9087337
CIELab	65.59, -22.12, 29.61
CIELCh	66, 36.960, 126.760
Yxy	34.7991, 0.3374, 0.4314
Android (android.graphics.Color)	4287277417 (0xFF8AA969)
YUV	152.4350, -23.3855, -12.6595
Hunter-Lab	58.9908, -20.8719, 22.5520

Details

The XYZ color **27.2190, 34.7991, 18.6469** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **22.3678, 18.2029, 39.8726**, and the grayscale version is **30.1313, 31.7004, 34.5218**.

A 20% lighter version of the original color is **54.4797, 66.9521, 41.9500**, and **11.0056, 15.0343, 6.0632** is the 20% darker color. If you saturate the color by 10%, you get **25.1317, 33.8147, 14.4569**, and if you desaturate by 10%, it is **29.5828, 35.9082, 23.7524**.

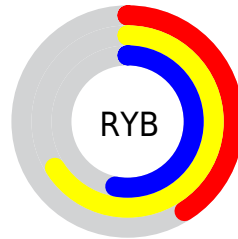
Distribution



Red (54%)

Green (66%)

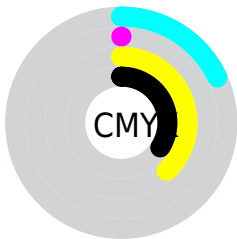
Blue (41%)



Red (41%)

Yellow (66%)

Blue (53%)

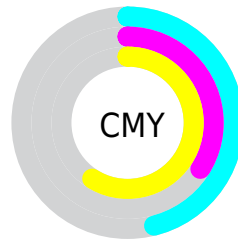


Cyan (18%)

Magenta (0%)

Yellow (38%)

Black (34%)



Cyan (46%)

Magenta (34%)

Yellow (59%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 27.2190, 34.7991, 18.6469 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 27.2190, 34.7991, 18.6469 by changing the saturation by 10% instead.

■ 27.2190, 34.7991,
18.6469

■ 27.2190, 34.7991,
18.6469

280.8642,
323.6807, 256.8499

■ 17.8752, 23.5082,
11.2412

■ 54.6525, 67.1744,
41.9653

■ 10.9596, 14.9692,
6.1131

■ 73.4729, 89.0276,
58.7151

■ 6.1067, 8.7978,
2.8441

■ 96.1829, 115.1703,
79.4166

■ 2.9514, 4.6095,
1.0156

■ 123.1479,
145.9869, 104.4885

■ 1.1281, 2.0200,
0.0000

154.7331,
181.8619, 134.3492

■ 0.0484, 0.6191,
0.0000

191.3040,

■ 0.0000, 0.0000,

223.1796, 169.4173

0.0000

233.2259,
270.3244, 210.1114

■ 27.2190, 34.7991,
18.6469

■ 27.2190, 34.7991,
18.6469

■ 25.1317, 33.8147,
14.4569

■ 29.5828, 35.9082,
23.7524

■ 23.3058, 32.9453,
11.1259

■ 32.2322, 37.1424,
29.8209

■ 21.7284, 32.1865,
8.5946


■ 35.1788, 38.5078,
36.8994


■ 20.3844, 31.5321,
6.7953


■ 38.4328, 40.0087,
45.0311

■ 19.2563, 30.9747,
5.6492

■ 42.0040, 41.6493,
54.2566


 18.3167, 30.5031,
5.0257

 45.9016, 43.4333,
64.6145

 18.1319, 30.4101,
4.9141

 50.1344, 45.3647,
76.1414

 54.7108, 47.4469,
88.8723

 59.2983, 49.5471,
101.0459

Harmonies

Analogous

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



31.8631, 34.7991, 15.2978



27.2190, 34.7991, 18.6469



24.3891, 34.7991, 27.2856

Triad

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



27.2190, 34.7991, 18.6469



29.1291, 34.7991, 72.4899



44.5493, 34.7991, 34.4824

Complementary

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



27.2190, 34.7991, 18.6469



22.3678, 18.2029, 39.8726

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.



43.6124, 34.7991, 50.9383



27.2190, 34.7991, 18.6469



34.3183, 34.7991, 75.9582

Square

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



27.2190, 34.7991, 18.6469



25.4048, 34.7991, 58.7210



39.7170, 34.7991, 67.2060



42.1530, 34.7991, 22.6802

Rectangle

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



27.2190, 34.7991, 18.6469



23.7184, 34.7991, 36.2274



39.7170, 34.7991, 67.2060



44.6174, 34.7991, 39.6033

Sweetspot

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



27.2199, 34.8006, 18.6477



61.1844, 68.1219, 61.6588



27.7081, 27.0457, 17.1251



13.1861, 14.7784, 13.0785



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.



27.2199, 34.8006, 18.6477



45.7402, 60.9045, 27.3106



22.6906, 32.4657, 18.4357



7.7918, 8.5908, 8.0368



13.5750, 22.6954, 3.6652



0.3890, 0.5824, 0.0919

Inverse Universe

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



22.3678, 18.2029, 39.8726



35.8543, 27.0826, 70.5628



28.3486, 21.2862, 40.1525



7.4647, 7.4722, 9.4672



7.9835, 3.4991, 28.2301



0.2536, 0.1157, 0.6896

Previews

White Background



This preview shows how the XYZ color 27.2190, 34.7991, 18.6469 looks on a white background.

Color Contrast Check

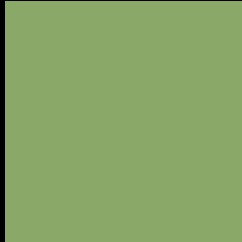
Large Text (above 18pt) WCAG AA × Fail

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 27.2190, 34.7991, 18.6469 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 27.2190, 34.7991, 18.6469

Background



This preview shows how black text looks on a background with the XYZ color 27.2190, 34.7991, 18.6469.



This preview shows how white text looks on a background with the XYZ color 27.2190, 34.7991,

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

27.2190, 34.7991, 18.6469

Protanopia

31.9807, 34.6201, 17.3087

Deuteranopia

35.2238, 34.5077, 19.2722



Tritanopia

32.5004, 34.8028, 44.5398

Trichromacy



Original Color

27.2190, 34.7991, 18.6469

Protanomaly

29.9927, 34.6273, 17.6733

Deuteranomaly

31.7282, 34.1944, 19.1153

Tritanomaly

30.1224, 34.6183, 33.1114

Monochromacy



Original Color

27.2190, 34.7991, 18.6469

Achromatopsia

29.8446, 31.3989, 34.1934

Achromatomaly

28.6327, 32.4060, 27.6676

CSS Examples

Text

The CSS property to change the color of the text to XYZ 27.2190, 34.7991, 18.6469 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(138, 169, 105)` looks like.

```
.text, #text, p{  
    color:rgb(138, 169, 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(138, 169, 105) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(138, 169, 105) }
```

Border

The CSS property to change the border of an element to XYZ 27.2190, 34.7991, 18.6469 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(138, 169, 105) }
```


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

```
.border{ border-color:rgb(138, 169, 105) }
```

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

Here you see how a box with a 4 pixel `rgb(138, 169, 105)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(138, 169, 105); -webkit-box-  
shadow:4px 4px 4px 4px rgb(138, 169, 105);  
box-shadow:4px 4px 4px 4px rgb(138, 169,  
105) }
```

Background

The CSS property to change the background color of an element to XYZ 27.2190, 34.7991, 18.6469 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(138, 169, 105) }
```

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

```
.background{ background-color: rgb(138,  
169, 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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