

Converting Colors

XYZ(27.2934, 34.7622, 16.4639)

Have a look what the booklet for
XYZ(27.2934, 34.7622, 16.4639)
contains.

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Color

**XYZ(27.3301, 34.9017,
16.6055)**

Conversions

Conversions Part 1

Format	Color
Hex	8DA961
RGB	141, 169, 97
RGB Percent	55%, 66%, 38%
CMY	0.4471, 0.3372, 0.6196
CMYK	0.17, 0.00, 0.43, 0.34
HSL	83°, 30%, 52%
HSV	83°, 43%, 66%
XYZ	27.3301, 34.9017, 16.6055
YIQ	152.4200, 6.4240, -28.3280

Conversions

Conversions Part 2

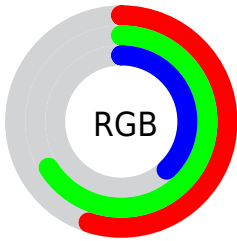
Format	Color
RYB	97, 169, 125
Decimal	9283937
CIELab	65.67, -22.02, 33.96
CIELCh	66, 40.472, 122.957
Yxy	34.9017, 0.3467, 0.4427
Android (android.graphics.Color)	4287474017 (0xFF8DA961)
YUV	152.4200, -27.3221, -10.0153
Hunter-Lab	59.0777, -20.8095, 24.6892

Details

The XYZ color **27.3301, 34.9017, 16.6055** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **19.8950, 15.7749, 39.5344**, and the grayscale version is **30.1399, 31.7096, 34.5317**.

A 20% lighter version of the original color is **54.8454, 67.2170, 38.5173**, and **11.0146, 15.0598, 5.1226** is the 20% darker color. If you saturate the color by 10%, you get **25.5401, 34.0616, 12.8375**, and if you desaturate by 10%, it is **29.3561, 35.8463, 21.2623**.

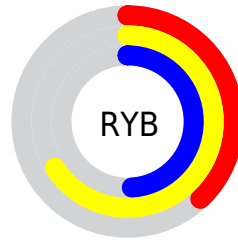
Distribution



Red (55%)

Green (66%)

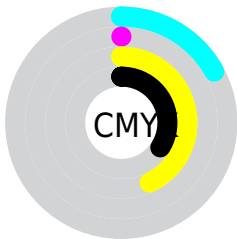
Blue (38%)



Red (38%)

Yellow (66%)

Blue (49%)

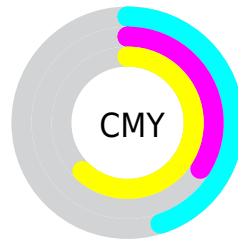


Cyan (17%)

Magenta (0%)

Yellow (43%)

Black (34%)



Cyan (45%)

Magenta (34%)

Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 27.3301, 34.9017, 16.6055 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 27.3301, 34.9017, 16.6055 by changing the saturation by 10% instead.

■ 27.3301, 34.9017,
16.6055

■ 27.3301, 34.9017,
16.6055

281.3904,
324.1342, 244.8551

■ 17.9592, 23.5872,
9.7947

■ 54.8293, 67.3335,
38.4275

■ 11.0202, 15.0277,
5.1592

■ 73.6882, 89.2195,
54.2758

■ 6.1478, 8.8388,
2.2806

■ 96.4406, 115.3981,
73.9737

■ 2.9767, 4.6362,
0.7203

■ 123.4516,
146.2537, 97.9396

■ 1.1414, 2.0354,
0.0000

155.0868,
182.1708, 126.5922

■ 0.0594, 0.6279,
0.0000

191.7114,

■ 0.0000, 0.0000,

223.5336, 160.3499

0.0000

233.6908,
270.7266, 199.6314

■ 27.3301, 34.9017,
16.6055

■ 27.3301, 34.9017,
16.6055

■ 25.5401, 34.0616,
12.8375

■ 29.3561, 35.8463,
21.2623

■ 23.9716, 33.3164,
9.8994

■ 31.6264, 36.8952,
26.8573

■ 22.6123, 32.6623,
7.7286


■ 34.1520, 38.0541,
33.4391


■ 21.4473, 32.0932,
6.2527


■ 36.9424, 39.3270,
41.0522


■ 20.4588, 31.6018,
5.3855

■ 40.0067, 40.7176,
49.7384

 19.8135, 31.2771,
4.9928

 43.3532, 42.2294,
59.5371

 46.9901, 43.8657,
70.4858

 50.9252, 45.6298,
82.6202

 55.1658, 47.5247,
95.9745

Harmonies

Analogous

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



32.5864, 34.9017, 13.7727



27.3301, 34.9017, 16.6055



23.9906, 34.9017, 24.9661

Triad

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



27.3301, 34.9017, 16.6055



28.2383, 34.9017, 75.2944



45.9611, 34.9017, 36.3368

Complementary

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



27.3301, 34.9017, 16.6055



19.8950, 15.7749, 39.5344

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.



44.4423, 34.9017, 54.9315



27.3301, 34.9017, 16.6055



33.7667, 34.9017, 81.0164

Square

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



27.3301, 34.9017, 16.6055



24.4692, 34.9017, 58.7596



39.7945, 34.9017, 72.6596



43.7290, 34.9017, 22.8185

Rectangle

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



27.3301, 34.9017, 16.6055



23.0644, 34.9017, 34.1241



39.7945, 34.9017, 72.6596



45.8727, 34.9017, 42.1632

Sweetspot

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



27.3310, 34.9032, 16.6062



60.8629, 68.0127, 59.0897



25.8042, 23.8654, 14.5562



13.0483, 14.7244, 12.3039



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.



27.3310, 34.9032, 16.6062



45.9472, 61.0978, 23.4077



22.2195, 32.2682, 16.3670



7.8601, 8.6260, 8.0400



14.8274, 23.3410, 3.7238



0.4155, 0.5961, 0.0932

Inverse Universe

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



19.8950, 15.7749, 39.5344



30.8856, 22.3164, 69.9047



26.0549, 18.9504, 39.8226



7.3974, 7.4375, 9.4640



7.0547, 3.0203, 28.1866



0.2292, 0.1031, 0.6885

Previews

White Background



This preview shows how the XYZ color 27.3301, 34.9017, 16.6055 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 27.3301, 34.9017, 16.6055 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

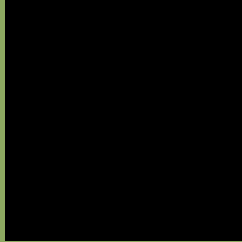
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 27.3301, 34.9017, 16.6055

Background



This preview shows how black text looks on a background with the XYZ color 27.3301, 34.9017, 16.6055.



This preview shows how white text looks on a background with the XYZ color 27.3301, 34.9017,

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

27.3301, 34.9017, 16.6055

Protanopia

31.8295, 34.5853, 15.3540

Deuteranopia

35.3154, 34.6025, 17.1295



Tritanopia

32.8761, 34.7381, 44.5075

Trichromacy



Original Color

27.3301, 34.9017, 16.6055

Protanomaly

30.0179, 34.6839, 15.7022

Deuteranomaly

31.7607, 34.2581, 16.9951

Tritanomaly

30.2406, 34.4418, 31.8421

Monochromacy



Original Color

27.3301, 34.9017, 16.6055

Achromatopsia

29.8446, 31.3989, 34.1934

Achromatomaly

28.6045, 32.4156, 26.5790

CSS Examples

Text

The CSS property to change the color of the text to XYZ 27.3301, 34.9017, 16.6055 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(141, 169, 97)` looks like.

```
.text, #text, p{  
    color:rgb(141, 169, 97)  
}
```

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(141, 169, 97) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(141, 169, 97) }
```

Border

The CSS property to change the border of an element to XYZ 27.3301, 34.9017, 16.6055 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(141, 169, 97) }
```


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

```
.border{ border-color:rgb(141, 169, 97) }
```

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

Here you see how a box with a 4 pixel `rgb(141, 169, 97)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(141, 169, 97); -webkit-box-  
shadow:4px 4px 4px 4px rgb(141, 169, 97);  
box-shadow:4px 4px 4px 4px rgb(141, 169,  
97) }
```

Background

The CSS property to change the background color of an element to XYZ 27.3301, 34.9017, 16.6055 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(141, 169, 97) }
```

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

```
.background{ background-color: rgb(141,  
169, 97) }
```

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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