

Converting Colors

XYZ(27.3255, 34.8347, 15.2355)

Have a look what the booklet for
XYZ(27.3255, 34.8347, 15.2355)
contains.

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Color

**XYZ(27.4040, 34.9709,
15.2032)**

Conversions

Conversions Part 1

Format	Color
Hex	8FA95B
RGB	143, 169, 91
RGB Percent	56%, 66%, 36%
CMY	0.4392, 0.3372, 0.6431
CMYK	0.15, 0.00, 0.46, 0.34
HSL	80°, 31%, 51%
HSV	80°, 46%, 66%
XYZ	27.4040, 34.9709, 15.2032
YIQ	152.3340, 9.5420, -29.7700

Conversions

Conversions Part 2

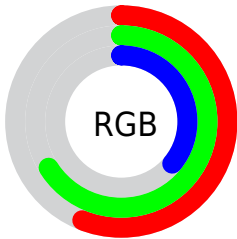
Format	Color
RYB	91, 169, 117
Decimal	9415003
CIELab	65.73, -21.95, 37.15
CIElCh	66, 43.150, 120.580
Yxy	34.9709, 0.3532, 0.4508
Android (android.graphics.Color)	4287605083 (0xFF8FA95B)
YUV	152.3340, -30.2377, -8.1859
Hunter-Lab	59.1362, -20.7706, 26.1526

Details

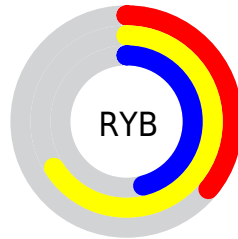
The XYZ color **27.4040, 34.9709, 15.2032** is a dark color, and the websafe version is hex **669933**. A complement of this color would be **18.2400, 14.1295, 39.3040**, and the grayscale version is **30.1140, 31.6822, 34.5019**.

A 20% lighter version of the original color is **54.9023, 67.3002, 36.0832**, and **11.0936, 15.1139, 4.5231** is the 20% darker color. If you saturate the color by 10%, you get **25.8048, 34.2226, 11.7421**, and if you desaturate by 10%, it is **29.2181, 35.8133, 19.5328**.

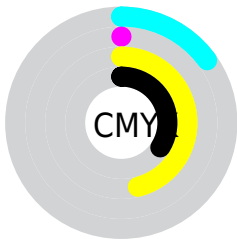
Distribution



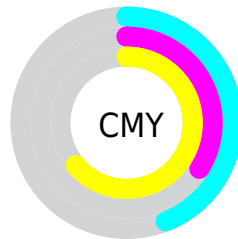
- Red (56%)
- Green (66%)
- Blue (36%)



- Red (36%)
- Yellow (66%)
- Blue (46%)



- Cyan (15%)
- Magenta (0%)
- Yellow (46%)
- Black (34%)



- Cyan (44%)
- Magenta (34%)
- Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 27.4040, 34.9709, 15.2032 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 27.4040, 34.9709, 15.2032 by changing the saturation by 10% instead.

■ 27.4040, 34.9709,
15.2032

■ 27.4040, 34.9709,
15.2032

281.7399,
324.4399, 236.2759

■ 18.0150, 23.6405,
8.8139

■ 54.9468, 67.4407,
35.9566

■ 11.0605, 15.0671,
4.5249

■ 73.8313, 89.3488,
51.1578

■ 6.1752, 8.8665,
1.9175

■ 96.6118, 115.5516,
70.1334

■ 2.9935, 4.6542,
0.5038

■ 123.6535,
146.4335, 93.3018

■ 1.1504, 2.0458,
0.0000

155.3218,
182.3789, 121.0818

■ 0.0666, 0.6339,
0.0000

191.9821,

■ 0.0000, 0.0000,

223.7722, 153.8918

0.0000

233.9997,
270.9977, 192.1503

■ 27.4040, 34.9709,
15.2032

■ 27.4040, 34.9709,
15.2032

■ 25.8048, 34.2226,
11.7421

■ 29.2181, 35.8133,
19.5328

■ 24.4061, 33.5588,
9.0884

■ 31.2554, 36.7495,
24.7821

■ 23.1955, 32.9757,
7.1768

■ 33.5267, 37.7851,
31.0007

■ 22.1576, 32.4672,
5.9308

■ 36.0413, 38.9239,
38.2343

■ 21.2722, 32.0250,
5.2469

■ 38.8080, 40.1696,
46.5255

■ 20.9554, 31.8658,
5.0462

■ 41.8351, 41.5254,
55.9147

■ 45.1304, 42.9946,
66.4398

■ 48.7015, 44.5804,
78.1372

■ 52.5555, 46.2855,
91.0417

Harmonies

Analogous

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



33.1154, 34.9709, 12.7157



27.4040, 34.9709, 15.2032



23.6943, 34.9709, 23.3492

Triad

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



27.4040, 34.9709, 15.2032



27.5927, 34.9709, 77.3979



47.0098, 34.9709, 37.7245

Complementary

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



27.4040, 34.9709, 15.2032



18.2400, 14.1295, 39.3040

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.



45.0537, 34.9709, 57.9751



27.4040, 34.9709, 15.2032



33.3625, 34.9709, 84.8617

Square

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



27.4040, 34.9709, 15.2032



23.7930, 34.9709, 58.7902



39.8481, 34.9709, 76.8313



44.9025, 34.9709, 22.9095

Rectangle

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



27.4040, 34.9709, 15.2032



22.5864, 34.9709, 32.6340



39.8481, 34.9709, 76.8313



46.8033, 34.9709, 44.0947

Sweetspot

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



27.4049, 34.9725, 15.2039



60.8644, 68.0412, 57.8410



24.6131, 21.9140, 12.8306



13.0706, 14.7414, 12.0562



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.



27.4049, 34.9725, 15.2039



46.2582, 61.3090, 21.1213



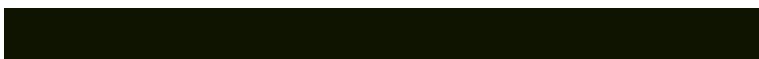
21.7863, 32.0760, 14.9410



7.9002, 8.6467, 8.0419



15.6756, 23.7783, 3.7635



0.4322, 0.6047, 0.0939

Inverse Universe

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



18.2400, 14.1295, 39.3040



27.8877, 19.4743, 69.5142



24.6141, 17.4155, 39.6023



7.3587, 7.4175, 9.4622



6.6188, 2.7956, 28.1662



0.2150, 0.0958, 0.6878

Previews

White Background



This preview shows how the XYZ color 27.4040, 34.9709, 15.2032 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 27.4040, 34.9709, 15.2032 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 27.4040, 34.9709, 15.2032

Background



This preview shows how black text looks on a background with the XYZ color 27.4040, 34.9709, 15.2032.



This preview shows how white text looks on a background with the XYZ color 27.4040, 34.9709,

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

27.4040, 34.9709, 15.2032

Protanopia

31.8388, 34.6148, 14.2358

Deuteranopia

35.2861, 34.6202, 15.6491



Tritanopia

33.3436, 34.9902, 44.0261

Trichromacy



Original Color

27.4040, 34.9709, 15.2032

Protanomaly

30.0046, 34.7022, 14.5680

Deuteranomaly

31.9264, 34.3758, 15.5422

Tritanomaly

30.6328, 34.6616, 31.0624

Monochromacy



Original Color

27.4040, 34.9709, 15.2032

Achromatopsia

29.8446, 31.3989, 34.1934

Achromatomaly

28.6506, 32.4550, 25.8735

CSS Examples

Text

The CSS property to change the color of the text to XYZ 27.4040, 34.9709, 15.2032 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(143, 169, 91)` looks like.

```
.text, #text, p{  
    color:rgb(143, 169, 91)  
}
```

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(143, 169, 91) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(143, 169, 91) }
```

Border

The CSS property to change the border of an element to XYZ 27.4040, 34.9709, 15.2032 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(143, 169, 91) }
```


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

```
.border{ border-color:rgb(143, 169, 91) }
```

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

Here you see how a box with a 4 pixel `rgb(143, 169, 91)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(143, 169, 91); -webkit-box-  
shadow:4px 4px 4px 4px rgb(143, 169, 91);  
box-shadow:4px 4px 4px 4px rgb(143, 169,  
91) }
```

Background

The CSS property to change the background color of an element to XYZ 27.4040, 34.9709, 15.2032 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(143, 169, 91) }
```

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

```
.background{ background-color: rgb(143,  
169, 91) }
```

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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