

Converting Colors

XYZ(27.3451, 34.5522, 19.6134)

Have a look what the booklet for
XYZ(27.3451, 34.5522, 19.6134)
contains.

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Color

**XYZ(27.4104, 34.5984,
19.7015)**

Conversions

Conversions Part 1

Format	Color
Hex	8BA86D
RGB	139, 168, 109
RGB Percent	55%, 66%, 43%
CMY	0.4549, 0.3412, 0.5725
CMYK	0.17, 0.00, 0.35, 0.34
HSL	89°, 25%, 54%
HSV	89°, 35%, 66%
XYZ	27.4104, 34.5984, 19.7015
YIQ	152.6030, 1.6550, -24.4970

Conversions

Conversions Part 2

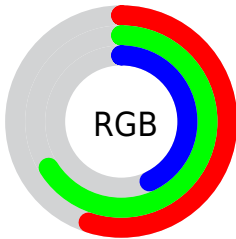
Format	Color
RYB	109, 168, 138
Decimal	9152621
CIELab	65.43, -20.67, 27.28
CIELCh	65, 34.230, 127.149
Yxy	34.5984, 0.3355, 0.4234
Android (android.graphics.Color)	4287342701 (0xFF8BA86D)
YUV	152.6030, -21.4963, -11.9298
Hunter-Lab	58.8204, -19.7544, 21.3155

Details

The XYZ color **27.4104, 34.5984, 19.7015** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **23.0193, 19.1688, 39.5345**, and the grayscale version is **30.1964, 31.7690, 34.5964**.

A 20% lighter version of the original color is **54.8130, 66.6860, 43.7009**, and **11.0855, 14.8917, 6.5651** is the 20% darker color. If you saturate the color by 10%, you get **25.2640, 33.5877, 15.3230**, and if you desaturate by 10%, it is **29.8356, 35.7350, 24.9969**.

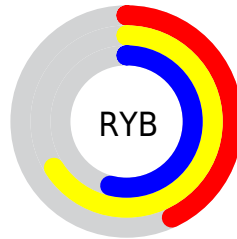
Distribution



Red (55%)

Green (66%)

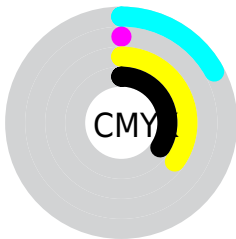
Blue (43%)



Red (43%)

Yellow (66%)

Blue (54%)

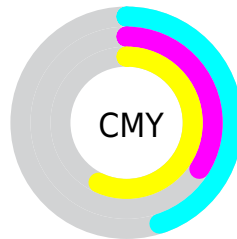


Cyan (17%)

Magenta (0%)

Yellow (35%)

Black (34%)



Cyan (45%)

Magenta (34%)

Yellow (57%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 27.4104, 34.5984, 19.7015 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 27.4104, 34.5984, 19.7015 by changing the saturation by 10% instead.

■ 27.4104, 34.5984,
19.7015

■ 27.4104, 34.5984,
19.7015

281.7702,
322.7921, 262.8451

■ 18.0199, 23.3537,
11.9963

■ 54.9570, 66.8632,
43.7685

■ 11.0640, 14.8549,
6.6187

■ 73.8437, 88.6520,
60.9675

■ 6.1775, 8.7176,
3.1500

■ 96.6266, 114.7243,
82.1681

■ 2.9950, 4.5574,
1.1717

■ 123.6710,
145.4645, 107.7889

■ 1.1511, 1.9900,
0.0000

155.3421,
181.2570, 138.2485

■ 0.0672, 0.6017,
0.0000

192.0055,

■ 0.0000, 0.0000,

222.4862, 173.9653

0.0000

234.0264,
269.5364, 215.3580

■ 27.4104, 34.5984,
19.7015

■ 27.4104, 34.5984,
19.7015

■ 25.2640, 33.5877,
15.3230

■ 29.8356, 35.7350,
24.9969

■ 23.3817, 32.6932,
11.8069

■ 32.5483, 36.9978,
31.2549

■ 21.7511, 31.9109,
9.0966

■ 35.5601, 38.3927,
38.5209

■ 20.3575, 31.2346,
7.1277

■ 38.8809, 39.9240,
46.8368

■ 19.1843, 30.6573,
5.8260

■ 42.5202, 41.5957,
56.2421

■ 18.2113, 30.1708,
5.0992

■ 46.4872, 43.4118,
66.7742

■ 17.7877, 29.9577,
4.8449

■ 50.7904, 45.3758,
78.4688

■ 55.4383, 47.4913,
91.3600

■ 59.5892, 49.4220,
101.0064

Harmonies

Analogous

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



31.7020, 34.5984, 16.4132



27.4104, 34.5984, 19.7015



24.7920, 34.5984, 27.9530

Triad

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



27.4104, 34.5984, 19.7015



29.2884, 34.5984, 69.1935



43.3840, 34.5984, 34.3459

Complementary

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



27.4104, 34.5984, 19.7015



23.0193, 19.1688, 39.5345

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.



42.5709, 34.5984, 49.4166



27.4104, 34.5984, 19.7015



34.0966, 34.5984, 72.1568

Square

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



27.4104, 34.5984, 19.7015



25.7970, 34.5984, 56.8804



39.0434, 34.5984, 64.1773



41.1645, 34.5984, 23.3625

Rectangle

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



27.4104, 34.5984, 19.7015



24.1815, 34.5984, 36.3178



39.0434, 34.5984, 64.1773



43.4597, 34.5984, 39.0590

Sweetspot

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



27.4113, 34.5999, 19.7022



61.1359, 68.0970, 61.6566



27.9294, 27.4689, 18.2985



13.1745, 14.7724, 13.0780



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.



27.4113, 34.5999, 19.7022



46.7140, 61.3584, 29.5263



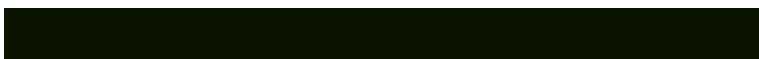
23.1924, 32.4250, 19.5048



7.7867, 8.5881, 8.0365



13.4912, 22.6522, 3.6613



0.3871, 0.5815, 0.0918

Inverse Universe

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



23.0193, 19.1688, 39.5345



37.5570, 29.1832, 70.8785



28.4778, 21.9827, 39.7899



7.4698, 7.4748, 9.4674



8.0627, 3.5399, 28.2338



0.2554, 0.1167, 0.6897

Previews

White Background



This preview shows how the XYZ color 27.4104, 34.5984, 19.7015 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 27.4104, 34.5984, 19.7015 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

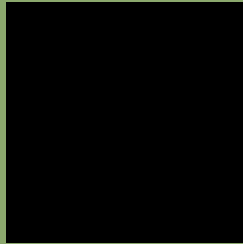
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 27.4104, 34.5984, 19.7015

Background



This preview shows how black text looks on a background with the XYZ color 27.4104, 34.5984, 19.7015.



This preview shows how white text looks on a background with the XYZ color 27.4104, 34.5984,

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

27.4104, 34.5984, 19.7015

Protanopia

31.7899, 34.2443, 18.2989

Deuteranopia

34.9479, 34.3401, 20.4091



Tritanopia

32.3264, 34.4546, 44.4818

Trichromacy



Original Color

27.4104, 34.5984, 19.7015

Protanomaly

30.0191, 34.3549, 18.6846

Deuteranomaly

31.7291, 34.1696, 20.2523

Tritanomaly

30.2793, 34.4161, 33.9013

Monochromacy



Original Color

27.4104, 34.5984, 19.7015

Achromatopsia

30.2779, 31.8547, 34.6897

Achromatomaly

28.9550, 32.5558, 28.4247

CSS Examples

Text

The CSS property to change the color of the text to XYZ 27.4104, 34.5984, 19.7015 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, 168, 109)` looks like.

```
.text, #text, p{  
    color:rgb(139, 168, 109)  
}
```

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, 168, 109) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(139, 168, 109) }
```

Border

The CSS property to change the border of an element to XYZ 27.4104, 34.5984, 19.7015 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, 168, 109) }
```


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

```
.border{ border-color:rgb(139, 168, 109) }
```

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

Here you see how a box with a 4 pixel `rgb(139, 168, 109)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(139, 168, 109); -webkit-box-  
shadow:4px 4px 4px 4px rgb(139, 168, 109);  
box-shadow:4px 4px 4px 4px rgb(139, 168,  
109) }
```

Background

The CSS property to change the background color of an element to XYZ 27.4104, 34.5984, 19.7015 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(139, 168, 109) }
```

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

```
.background{ background-color: rgb(139,  
168, 109) }
```

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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