

Converting Colors

XYZ(34.5643, 40.9652, 29.4547)

Have a look what the booklet for
XYZ(34.5643, 40.9652, 29.4547)
contains.

XYZ(34.4649, 40.8875, 29.3681)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(34.4649, 40.8875,
29.3681)**

Conversions

Conversions Part 1

Format	Color
Hex	9EB288
RGB	158, 178, 136
RGB Percent	62%, 70%, 53%
CMY	0.3804, 0.3019, 0.4667
CMYK	0.11, 0.00, 0.24, 0.30
HSL	89°, 21%, 62%
HSV	89°, 24%, 70%
XYZ	34.4649, 40.8875, 29.3681
YIQ	167.2320, 1.5620, -17.3020

Conversions

Conversions Part 2

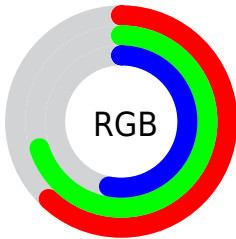
Format	Color
R _{YB}	136, 178, 156
Decimal	10400392
CIE _{Lab}	70.10, -14.56, 19.22
CIE _{LCh}	70, 24.114, 127.146
Y _{xy}	40.8875, 0.3291, 0.3904
Android (android.graphics.Color)	4288590472 (0xFF9EB288)
YUV	167.2320, -15.3974, -8.0965
Hunter-Lab	63.9433, -15.6909, 17.5294

Details

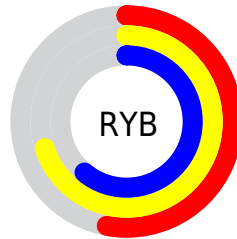
The XYZ color **34.4649, 40.8875, 29.3681** is a light color, and the websafe version is hex **999966**. A complement of this color would be **30.5520, 27.8917, 45.8951**, and the grayscale version is **36.9168, 38.8394, 42.2961**.

A 20% lighter version of the original color is **66.0487, 76.6659, 59.4610**, and **14.9572, 18.4033, 11.5680** is the 20% darker color. If you saturate the color by 10%, you get **31.6934, 39.5942, 23.1743**, and if you desaturate by 10%, it is **37.5638, 42.3277, 36.6757**.

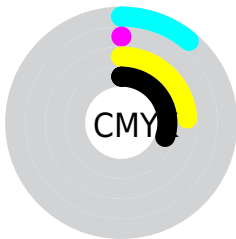
Distribution



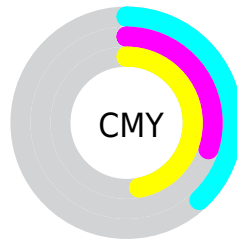
- Red (62%)
- Green (70%)
- Blue (53%)



- Red (53%)
- Yellow (70%)
- Blue (61%)



- Cyan (11%)
- Magenta (0%)
- Yellow (24%)
- Black (30%)





- Cyan (38%)
- Magenta (30%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 34.4649, 40.8875, 29.3681 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 34.4649, 40.8875, 29.3681 by changing the saturation by 10% instead.


 34.4649, 40.8875,
29.3681


 34.4649, 40.8875,
29.3681


313.7496,
349.8502, 313.0629


 23.4156, 28.2312,
19.1115


 65.9955, 76.5131,
59.7106

 15.0230, 18.5000,
11.5732


 87.2074, 100.2512,
80.6335

 8.9220, 11.3096,
6.3348


 112.5376,
128.4519, 105.9489

 4.7470, 6.2755,
2.9777

142.3514,
161.4998, 136.0755

 2.1328, 3.0133,
1.0832

177.0141,
199.7792, 171.4316

 0.7070, 1.1387,
0.0000

216.8912,

 0.0000, 0.0107,

243.6744, 212.4358

0.0000

262.3479,
293.5700, 259.5068

■ 0.0000, 0.0000,
0.0000

■ 34.4649, 40.8875,
29.3681

■ 34.4649, 40.8875,
29.3681

■ 31.6934, 39.5942,
23.1743

■ 37.5638, 42.3277,
36.6757

■ 29.2333, 38.4371,
18.0369

■ 40.9987, 43.9146,
45.1453

■ 27.0721, 37.4124,
13.8974

■ 44.7819, 45.6546,
54.8256

■ 25.1950, 36.5137,
10.6906

■ 48.9241, 47.5522,
65.7617

■ 23.5855, 35.7343,
8.3436

■ 53.4354, 49.6117,
77.9964

■ 22.2253, 35.0665,
6.7724

■ 58.3256, 51.8373,
91.5705

■ 21.0924, 34.5011,
5.8765

■ 62.6884, 53.8667,
101.7010

■ 20.4588, 34.1817,
5.5194

■ 65.2787, 55.2021,
101.8222

■ 68.0005, 56.6052,
101.9496

Harmonies

Analogous

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



37.9275, 40.8875, 26.2753



34.4649, 40.8875, 29.3681



32.2910, 40.8875, 36.6135

Triad

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



34.4649, 40.8875, 29.3681



35.9937, 40.8875, 67.6549



46.8743, 40.8875, 41.8747

Complementary

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



34.4649, 40.8875, 29.3681



30.5520, 27.8917, 45.8951

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.



46.2697, 40.8875, 53.4889



34.4649, 40.8875, 29.3681



39.8124, 40.8875, 69.7038

Square

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



34.4649, 40.8875, 29.3681



33.1311, 40.8875, 58.9480



43.6188, 40.8875, 64.1497



45.2191, 40.8875, 32.6614

Rectangle

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



34.4649, 40.8875, 29.3681



31.7764, 40.8875, 43.4479



43.6188, 40.8875, 64.1497



46.9304, 40.8875, 45.6086

Sweetspot

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



34.4660, 40.8893, 29.3690



72.0783, 78.5868, 76.2045



34.6270, 34.8869, 28.2019



15.8869, 17.3730, 16.6799



86.6293, 91.1408, 99.2523



17.0014, 17.8868, 19.4787

Same Dimension

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



34.4660, 40.8893, 29.3690



59.9688, 72.9665, 47.5193



30.7478, 38.9725, 29.1950



8.7995, 9.7017, 9.0614



14.7109, 24.4938, 3.9524



0.5297, 0.8051, 0.1275

Inverse Universe

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



30.5520, 27.8917, 45.8951



51.6991, 45.5028, 82.4392



34.8821, 30.1240, 46.0978



8.4141, 8.4220, 10.6885



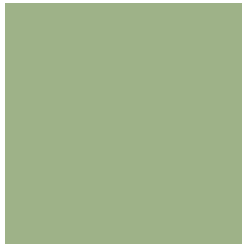
8.4872, 3.7111, 30.4060



0.3346, 0.1516, 0.9599

Previews

White Background



This preview shows how the XYZ color 34.4649, 40.8875, 29.3681 looks on a white background.

Color Contrast Check

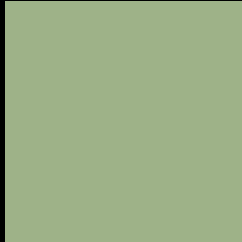
Large Text (above 18pt) WCAG AA × Fail

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 34.4649, 40.8875, 29.3681 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

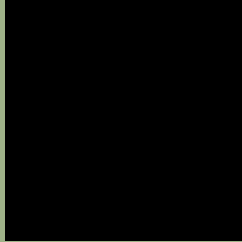
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 34.4649, 40.8875, 29.3681

Background



This preview shows how black text looks on a background with the XYZ color 34.4649, 40.8875, 29.3681.



This preview shows how white text looks on a background with the XYZ color 34.4649, 40.8875,

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

34.4649, 40.8875, 29.3681

Protanopia

38.0880, 40.7644, 28.0512

Deuteranopia

41.4888, 40.5571, 30.0677



Tritanopia

38.8369, 40.6279, 51.6940

Trichromacy



Original Color

34.4649, 40.8875, 29.3681

Protanomaly

36.6727, 40.8776, 28.5116

Deuteranomaly

38.5426, 40.4013, 29.8116

Tritanomaly

37.0114, 40.7435, 42.4728

Monochromacy



Original Color

34.4649, 40.8875, 29.3681

Achromatopsia

36.7301, 38.6429, 42.0822

Achromatomaly

35.8735, 39.4186, 37.1703

CSS Examples

Text

The CSS property to change the color of the text to XYZ 34.4649, 40.8875, 29.3681 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(158, 178, 136)` looks like.

```
.text, #text, p{  
    color:rgb(158, 178, 136)  
}
```

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(158, 178, 136) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(158, 178, 136) }
```

Border

The CSS property to change the border of an element to XYZ 34.4649, 40.8875, 29.3681 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(158, 178, 136) }
```


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

```
.border{ border-color:rgb(158, 178, 136) }
```

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

Here you see how a box with a 4 pixel `rgb(158, 178, 136)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(158, 178, 136); -webkit-box-  
shadow:4px 4px 4px 4px rgb(158, 178, 136);  
box-shadow:4px 4px 4px 4px rgb(158, 178,  
136) }
```

Background

The CSS property to change the background color of an element to XYZ 34.4649, 40.8875, 29.3681 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(158, 178, 136) }
```

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

```
.background{ background-color: rgb(158,  
178, 136) }
```

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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