

Converting Colors

XYZ(34.3281, 39.2945, 32.4031)

Have a look what the booklet for
XYZ(34.3281, 39.2945, 32.4031)
contains.

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Color

**XYZ(34.3525, 39.3024,
32.5636)**

Conversions

Conversions Part 1

Format	Color
Hex	9FAD91
RGB	159, 173, 145
RGB Percent	62%, 68%, 57%
CMY	0.3765, 0.3216, 0.4314
CMYK	0.08, 0.00, 0.16, 0.32
HSL	90°, 15%, 62%
HSV	90°, 16%, 68%
XYZ	34.3525, 39.3024, 32.5636
YIQ	165.6220, 0.6440, -11.6760

Conversions

Conversions Part 2

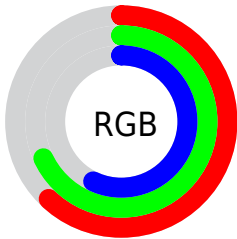
Format	Color
RYB	145, 173, 159
Decimal	10464657
CIELab	68.97, -10.09, 12.75
CIELCh	69, 16.261, 128.355
Yxy	39.3024, 0.3234, 0.3700
Android (android.graphics.Color)	4288654737 (0xFF9FAD91)
YUV	165.6220, -10.1666, -5.8075
Hunter-Lab	62.6916, -11.8995, 13.0874

Details

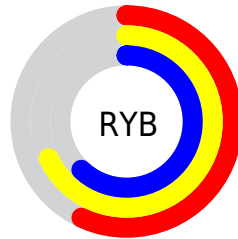
The XYZ color **34.3525, 39.3024, 32.5636** is a light color, and the websafe version is hex **999966**. A complement of this color would be **31.9678, 30.6399, 43.7664**, and the grayscale version is **36.1113, 37.9919, 41.3731**.

A 20% lighter version of the original color is **65.7838, 73.9065, 64.8310**, and **14.9663, 17.6268, 13.4400** is the 20% darker color. If you saturate the color by 10%, you get **31.4631, 37.9566, 25.9871**, and if you desaturate by 10%, it is **37.5673, 40.7948, 40.2174**.

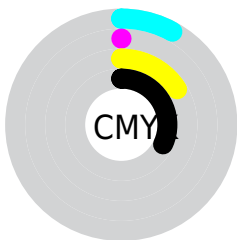
Distribution



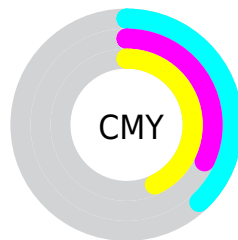
- Red (62%)
- Green (68%)
- Blue (57%)



- Red (57%)
- Yellow (68%)
- Blue (62%)



- Cyan (8%)
- Magenta (0%)
- Yellow (16%)
- Black (32%)



- Cyan (38%)
- Magenta (32%)
- Yellow (43%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 34.3525, 39.3024, 32.5636 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 34.3525, 39.3024, 32.5636 by changing the saturation by 10% instead.

■ 34.3525, 39.3024,
32.5636

■ 34.3525, 39.3024,
32.5636

313.2593,
343.1745, 328.2502

■ 23.3287, 26.9951,
21.5240

■ 65.8221, 74.1001,
64.8017

■ 14.9584, 17.5695,
13.3126

■ 86.9986, 97.3592,
86.8373

■ 8.8763, 10.6414,
7.5109

112.2901,
125.0376, 113.3753

■ 4.7171, 5.8262,
3.7004

142.0619,
157.5199, 144.8342

■ 2.1153, 2.7397,
1.4624

176.6794,
195.1903, 181.6327

■ 0.6975, 0.9974,
0.1897

216.5079,

■ 0.0000, 0.0000,

238.4333, 224.1891

0.0000

261.9127,
287.6332, 272.9221

■ 34.3525, 39.3024,
32.5636

■ 34.3525, 39.3024,
32.5636

■ 31.4631, 37.9566,
25.9871

■ 37.5673, 40.7948,
40.2174

■ 28.8843, 36.7474,
20.4370

■ 41.1153, 42.4333,
48.9913

■ 26.6049, 35.6712,
15.8622

■ 45.0079, 44.2241,
58.9288

■ 24.6114, 34.7224,
12.2060

■ 49.2551, 46.1714,
70.0703

■ 22.8894, 33.8948,
9.4059

■ 53.8663, 48.2792,
82.4544

■ 21.4227, 33.1818,
7.3917

■ 58.8505, 50.5514,
96.1178

■ 20.1930, 32.5755,
6.0821

■ 62.3766, 52.2558,
101.4065

■ 19.1766, 32.0663,
5.3682

■ 65.0564, 53.6373,
101.5319

■ 18.8275, 31.8905,
5.1632

■ 67.8736, 55.0896,
101.6638

Harmonies

Analogous

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



36.6374, 39.3024, 30.1866



34.3525, 39.3024, 32.5636



32.9192, 39.3024, 37.7498

Triad

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



34.3525, 39.3024, 32.5636



35.5504, 39.3024, 57.4521



42.4980, 39.3024, 40.7563

Complementary

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



34.3525, 39.3024, 32.5636



31.9678, 30.6399, 43.7664

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.



42.1740, 39.3024, 48.2679



34.3525, 39.3024, 32.5636



38.0834, 39.3024, 58.4972

Square

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



34.3525, 39.3024, 32.5636



33.5882, 39.3024, 52.2591



40.5291, 39.3024, 54.9689



41.3950, 39.3024, 34.5462

Rectangle

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



34.3525, 39.3024, 32.5636



32.5996, 39.3024, 42.3859



40.5291, 39.3024, 54.9689



42.5533, 39.3024, 43.2040

Sweetspot

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



34.3536, 39.3041, 32.5645



67.9465, 73.3672, 73.6508



34.7440, 35.7263, 31.8533



14.6764, 15.9028, 15.7871



82.5889, 86.8899, 94.6231



15.4596, 16.2647, 17.7123

Same Dimension

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



34.3536, 39.3041, 32.5645



59.8326, 69.6019, 54.4092



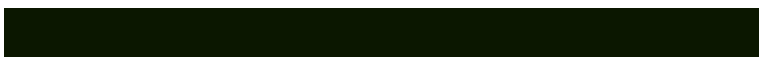
31.7326, 37.9530, 32.4418



8.2716, 9.1286, 8.5394



13.8968, 23.4611, 3.7960



0.4498, 0.6852, 0.1086

Inverse Universe

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



31.9678, 30.6399, 43.7664



54.8402, 51.4713, 77.8503



34.9033, 32.1532, 43.9038



7.9461, 7.9465, 10.0677



8.4614, 3.7219, 29.3169



0.2986, 0.1361, 0.8185

Previews

White Background



This preview shows how the XYZ color 34.3525, 39.3024, 32.5636 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 34.3525, 39.3024, 32.5636 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 34.3525, 39.3024, 32.5636

Background



This preview shows how black text looks on a background with the XYZ color 34.3525, 39.3024, 32.5636.



This preview shows how white text looks on a background with the XYZ color 34.3525, 39.3024,

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

34.3525, 39.3024, 32.5636

Protanopia

37.0166, 39.3054, 31.2269

Deuteranopia

39.9250, 39.1537, 33.0569



Tritanopia

37.6530, 39.2340, 49.3045

Trichromacy



Original Color

34.3525, 39.3024, 32.5636

Protanomaly

35.9102, 39.2787, 31.6755

Deuteranomaly

37.6469, 39.0511, 32.7475

Tritanomaly

36.3429, 39.2580, 42.7079

Monochromacy



Original Color

34.3525, 39.3024, 32.5636

Achromatopsia

36.2450, 38.1326, 41.5264

Achromatomaly

35.4638, 38.6311, 37.9352

CSS Examples

Text

The CSS property to change the color of the text to XYZ 34.3525, 39.3024, 32.5636 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(159, 173, 145)` looks like.

```
.text, #text, p{  
    color:rgb(159, 173, 145)  
}
```

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(159, 173, 145) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(159, 173, 145) }
```

Border

The CSS property to change the border of an element to XYZ 34.3525, 39.3024, 32.5636 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(159, 173, 145) }
```


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

```
.border{ border-color:rgb(159, 173, 145) }
```

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

Here you see how a box with a 4 pixel `rgb(159, 173, 145)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(159, 173, 145); -webkit-box-  
shadow:4px 4px 4px 4px rgb(159, 173, 145);  
box-shadow:4px 4px 4px 4px rgb(159, 173,  
145) }
```

Background

The CSS property to change the background color of an element to XYZ 34.3525, 39.3024, 32.5636 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(159, 173, 145) }
```

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

```
.background{ background-color: rgb(159,  
173, 145) }
```

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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