

Converting Colors

XYZ(33.2327, 39.0686, 40.4518)

Have a look what the booklet for
XYZ(33.2327, 39.0686, 40.4518)
contains.

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Color

**XYZ(33.2685, 39.1439,
40.4524)**

Conversions

Conversions Part 1

Format	Color
Hex	8FAFA3
RGB	143, 175, 163
RGB Percent	56%, 69%, 64%
CMY	0.4392, 0.3137, 0.3608
CMYK	0.18, 0.00, 0.07, 0.31
HSL	157°, 17%, 62%
HSV	157°, 18%, 69%
XYZ	33.2685, 39.1439, 40.4524
YIQ	164.0640, -15.2200, -10.5160

Conversions

Conversions Part 2

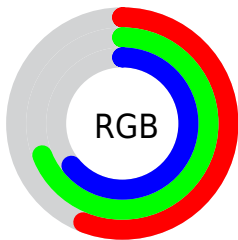
Format	Color
RYB	143, 163, 175
Decimal	9416611
CIELab	68.86, -13.38, 2.52
CIELCh	69, 13.620, 169.317
Yxy	39.1439, 0.2948, 0.3468
Android (android.graphics.Color)	4287606691 (0xFF8FAFA3)
YUV	164.0640, -0.5246, -18.4731
Hunter-Lab	62.5651, -14.5729, 5.4607

Details

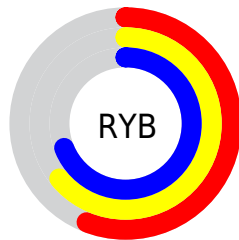
The XYZ color **33.2685, 39.1439, 40.4524** is a light color, and the websafe version is hex **669999**. A complement of this color would be **33.4194, 31.1264, 35.2586**, and the grayscale version is **35.3255, 37.1652, 40.4729**.

A 20% lighter version of the original color is **64.2568, 74.0841, 77.2426**, and **14.2424, 17.3421, 17.6356** is the 20% darker color. If you saturate the color by 10%, you get **29.8994, 37.4743, 37.3046**, and if you desaturate by 10%, it is **37.1430, 41.0726, 43.7849**.

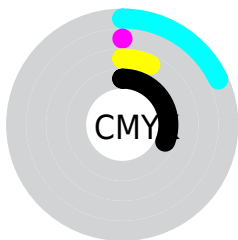
Distribution



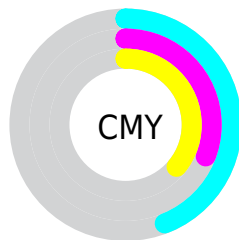
- Red (56%)
- Green (69%)
- Blue (64%)



- Red (56%)
- Yellow (64%)
- Blue (69%)



- Cyan (18%)
- Magenta (0%)
- Yellow (7%)
- Black (31%)



- Cyan (44%)
- Magenta (31%)
- Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 33.2685, 39.1439, 40.4524 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 33.2685, 39.1439, 40.4524 by changing the saturation by 10% instead.

■ 33.2685, 39.1439,
40.4524

■ 33.2685, 39.1439,
40.4524

308.5015,
342.5019, 363.6353

■ 22.4924, 26.8717,
27.5750

■ 64.1464, 73.8581,
77.0965

■ 14.3378, 17.4769,
17.7693

■ 84.9789, 97.0689,
101.7003

■ 8.4393, 10.5751,
10.6167

109.8943,
124.6946, 131.0500

■ 4.4314, 5.7819,
5.6988

139.2579,
157.1198, 165.5641

■ 1.9490, 2.7129,
2.5970

173.4350,
194.7287, 205.6611

■ 0.6051, 0.9838,
0.8909

212.7911,

■ 0.0000, 0.0000,

237.9057, 251.7596

0.0000

257.6915,
287.0353, 304.2782

■ 33.2685, 39.1439,
40.4524

■ 33.2685, 39.1439,
40.4524

■ 29.8994, 37.4743,
37.3046

■ 37.1430, 41.0726,
43.7849

■ 27.0100, 36.0475,
34.3354

■ 41.5405, 43.2663,
47.3027

■ 24.5775, 34.8528,
31.5421

■ 46.4816, 45.7366,
51.0099

■ 22.5756, 33.8767,
28.9210

■ 51.9852, 48.4932,
54.9097

■ 20.9754, 33.1044,
26.4681

■ 58.0688, 51.5450,
59.0051

■ 19.7441, 32.5191,
24.1793

■ 64.7494, 54.9009,
63.2990

■ 18.8437, 32.1011,
22.0501

■ 68.0726, 56.5221,
67.6084

■ 18.2096, 31.8173,
20.0747

■ 68.9020, 56.8539,
71.9760

■ 18.1109, 31.7735,
19.7506

■ 69.7653, 57.1992,
76.5219

Harmonies

Analogous

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



34.1414, 39.1439, 35.3230



33.2685, 39.1439, 40.4524



33.4190, 39.1439, 46.6811

Triad

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



33.2685, 39.1439, 40.4524



38.5970, 39.1439, 54.8699



39.9807, 39.1439, 34.2167

Complementary

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



33.2685, 39.1439, 40.4524



33.4194, 31.1264, 35.2586

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.



41.2668, 39.1439, 38.8035



33.2685, 39.1439, 40.4524



40.4468, 39.1439, 50.8608

Square

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



33.2685, 39.1439, 40.4524



36.4400, 39.1439, 55.4206



41.4406, 39.1439, 44.8659



37.9809, 39.1439, 31.9615

Rectangle

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



33.2685, 39.1439, 40.4524



34.0814, 39.1439, 50.6167



41.4406, 39.1439, 44.8659



40.5141, 39.1439, 35.5151

Sweetspot

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



33.2696, 39.1455, 40.4533



68.9351, 74.7605, 80.3930



33.8580, 39.6398, 31.8539



15.2042, 16.5578, 17.7729



84.5950, 89.0005, 96.9216



16.2198, 17.0645, 18.5832

Same Dimension

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



33.2696, 39.1455, 40.4533



57.0044, 68.8255, 70.0994



33.6801, 38.1630, 46.1504



8.1070, 9.0204, 9.5885



12.9997, 22.7652, 14.3042



0.3870, 0.6435, 0.5316

Inverse Universe

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



33.4194, 31.1264, 35.2586



57.3241, 51.7493, 59.0409



33.0306, 31.8827, 30.4002



8.1248, 8.0632, 8.9682



13.3849, 6.8165, 4.4065



0.3994, 0.2004, 0.2648

Previews

White Background



This preview shows how the XYZ color 33.2685, 39.1439, 40.4524 looks on a white background.

Color Contrast Check

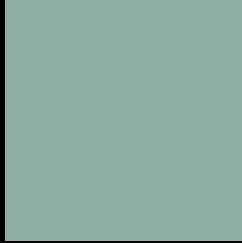
Large Text (above 18pt) WCAG AA × Fail

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 33.2685, 39.1439, 40.4524 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

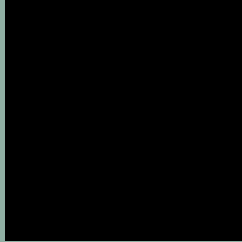
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 33.2685, 39.1439, 40.4524

Background



This preview shows how black text looks on a background with the XYZ color 33.2685, 39.1439, 40.4524.



This preview shows how white text looks on a background with the XYZ color 33.2685, 39.1439,

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

33.2685, 39.1439, 40.4524

Protanopia

37.3103, 39.0249, 38.3670

Deuteranopia

39.5704, 38.7842, 41.4769



Tritanopia

35.5421, 39.2109, 51.5941

Trichromacy



Original Color

33.2685, 39.1439, 40.4524

Protanomaly

35.6202, 38.9689, 38.9021

Deuteranomaly

36.9724, 38.7891, 41.1357

Tritanomaly

34.7334, 39.1725, 47.3254

Monochromacy



Original Color

33.2685, 39.1439, 40.4524

Achromatopsia

35.2861, 37.1238, 40.4278

Achromatomaly

34.4138, 37.7535, 40.5953

CSS Examples

Text

The CSS property to change the color of the text to XYZ 33.2685, 39.1439, 40.4524 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, 175, 163)` looks like.

```
.text, #text, p{  
    color:rgb(143, 175, 163)  
}
```

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, 175, 163) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(143, 175, 163) }
```

Border

The CSS property to change the border of an element to XYZ 33.2685, 39.1439, 40.4524 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, 175, 163) }
```


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

```
.border{ border-color:rgb(143, 175, 163) }
```

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

Here you see how a box with a 4 pixel `rgb(143, 175, 163)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(143, 175, 163); -webkit-box-  
shadow:4px 4px 4px 4px rgb(143, 175, 163);  
box-shadow:4px 4px 4px 4px rgb(143, 175,  
163) }
```

Background

The CSS property to change the background color of an element to XYZ 33.2685, 39.1439, 40.4524 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(143, 175, 163) }
```

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

```
.background{ background-color: rgb(143,  
175, 163) }
```

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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