

Converting Colors

XYZ(30.8407, 35.9323, 39.4926)

Have a look what the booklet for
XYZ(30.8407, 35.9323, 39.4926)
contains.

XYZ(30.8407, 35.9323, 39.4926)	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(30.8407, 35.9323,
39.4926)**

Conversions

Conversions Part 1

Format	Color
Hex	89A8A2
RGB	137, 168, 162
RGB Percent	54%, 66%, 64%
CMY	0.4627, 0.3412, 0.3647
CMYK	0.18, 0.00, 0.04, 0.34
HSL	168°, 15%, 60%
HSV	168°, 18%, 66%
XYZ	30.8407, 35.9323, 39.4926
YIQ	158.0470, -16.5500, -8.4380

Conversions

Conversions Part 2

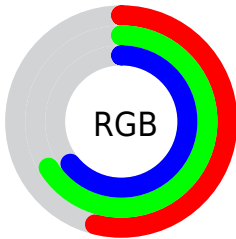
Format	Color
RYB	137, 154, 168
Decimal	9021602
CIELab	66.47, -11.88, -0.44
CIELCh	66, 11.891, 182.144
Yxy	35.9323, 0.2902, 0.3381
Android (android.graphics.Color)	4287211682 (0xFF89A8A2)
YUV	158.0470, 1.9488, -18.4582
Hunter-Lab	59.9436, -13.0637, 2.8985

Details

The XYZ color **30.8407, 35.9323, 39.4926** is a light color, and the websafe version is hex **669999**. A complement of this color would be **30.0532, 28.2001, 29.8472**, and the grayscale version is **32.5183, 34.2118, 37.2567**.

A 20% lighter version of the original color is **60.3979, 68.8615, 75.7539**, and **12.9903, 15.6428, 17.0866** is the 20% darker color. If you saturate the color by 10%, you get **28.0131, 34.5086, 37.8710**, and if you desaturate by 10%, it is **34.1067, 37.5831, 41.1753**.

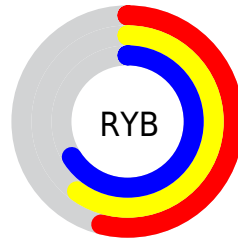
Distribution



Red (54%)

Green (66%)

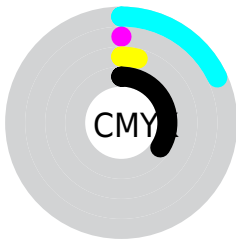
Blue (64%)



Red (54%)

Yellow (60%)

Blue (66%)

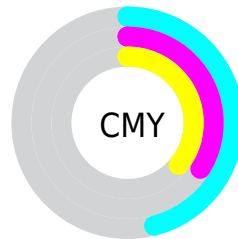


Cyan (18%)

Magenta (0%)

Yellow (4%)

Black (34%)



Cyan (46%)

Magenta (34%)

Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 30.8407, 35.9323, 39.4926 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 30.8407, 35.9323, 39.4926 by changing the saturation by 10% instead.

■ 30.8407, 35.9323,
39.4926

■ 30.8407, 35.9323,
39.4926

297.6438,
328.6645, 359.4686

■ 20.6288, 24.3819,
26.8324

■ 60.3667, 68.9276,
75.6189

■ 12.9639, 15.6172,
17.2161

■ 80.4116, 91.1412,
99.9220

■ 7.4805, 9.2537,
10.2251

■ 104.4648,
117.6781, 128.9431

■ 3.8134, 4.9070,
5.4409

132.8917,
148.9226, 163.1009

■ 1.5971, 2.1928,
2.4450

166.0577,
185.2591, 202.8138

■ 0.3905, 0.7161,
0.8108

204.3282,

■ 0.0000, 0.0000,

227.0720, 248.5003

0.0000

248.0684,
274.7457, 300.5791

■ 30.8407, 35.9323,
39.4926

■ 30.8407, 35.9323,
39.4926

■ 28.0131, 34.5086,
37.8710

■ 34.1067, 37.5831,
41.1753

■ 25.6010, 33.2972,
36.3068

■ 37.8265, 39.4660,
42.9178

■ 23.5840, 32.2887,
34.7996

■ 42.0187, 41.5916,
44.7221

■ 21.9387, 31.4709,
33.3479

■ 46.6998, 43.9683,
46.5891

■ 20.6394, 30.8307,
31.9503

■ 51.8855, 46.6043,
48.5200

■ 19.6568, 30.3529,
30.6051

■ 57.5909, 49.5073,
50.5156

■ 18.9569, 30.0200,
29.3104

■ 63.8304, 52.6847,
52.5769

■ 18.4783, 29.8004,
28.0630

■ 64.3229, 52.8985,
54.4103

■ 18.4101, 29.7694,
27.8737

■ 64.6777, 53.0404,
56.2785

Harmonies

Analogous

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



31.2110, 35.9323, 34.7145



30.8407, 35.9323, 39.4926



31.3319, 35.9323, 44.5827

Triad

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



30.8407, 35.9323, 39.4926



36.0088, 35.9323, 48.0380



35.7792, 35.9323, 31.0714

Complementary

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



30.8407, 35.9323, 39.4926



30.0532, 28.2001, 29.8472

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.



37.1376, 35.9323, 34.1304



30.8407, 35.9323, 39.4926



37.2734, 35.9323, 43.8923

Square

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



30.8407, 35.9323, 39.4926



34.2810, 35.9323, 49.7760



37.6934, 35.9323, 38.7580



34.0245, 35.9323, 30.1119

Rectangle

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



30.8407, 35.9323, 39.4926



32.0921, 35.9323, 47.3976



37.6934, 35.9323, 38.7580



36.2994, 35.9323, 31.8743

Sweetspot

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



30.8417, 35.9338, 39.4934



63.3951, 68.9587, 75.4460



29.8814, 35.6705, 28.9775



13.7303, 14.9860, 16.4021



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.



30.8417, 35.9338, 39.4934



53.8440, 64.1348, 70.4874



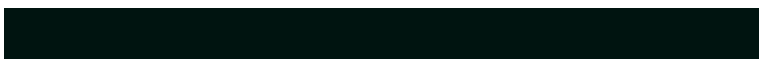
29.7320, 32.8400, 41.8193



7.6843, 8.5068, 9.3239



13.9199, 22.4867, 21.1430



0.3542, 0.5533, 0.5962

Inverse Universe

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



30.0532, 28.2001, 29.8472



52.1554, 47.5643, 49.8232



30.9902, 30.7824, 27.9755



7.5883, 7.5652, 8.1491



12.4119, 6.3735, 1.7149



0.3183, 0.1616, 0.1278

Previews

White Background



This preview shows how the XYZ color 30.8407, 35.9323, 39.4926 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 30.8407, 35.9323, 39.4926 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

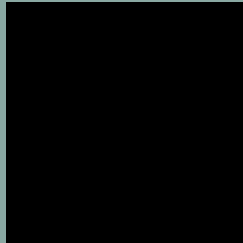
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 30.8407, 35.9323, 39.4926

Background



This preview shows how black text looks on a background with the XYZ color 30.8407, 35.9323, 39.4926.

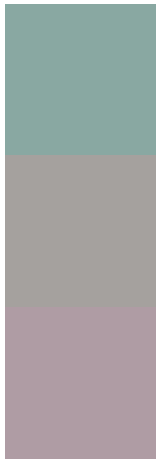


This preview shows how white text looks on a background with the XYZ color 30.8407, 35.9323,

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

30.8407, 35.9323, 39.4926

Protanopia

34.4335, 35.9577, 37.4734

Deuteranopia

36.2685, 35.5712, 40.0763



Tritanopia

32.4070, 35.7404, 47.8384

Trichromacy



Original Color

30.8407, 35.9323, 39.4926

Protanomaly

33.0510, 36.0227, 38.0120

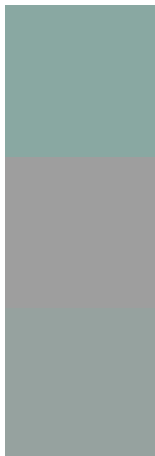
Deuteranomaly

33.8796, 35.3630, 39.6904

Tritanomaly

31.8265, 35.7785, 44.7637

Monochromacy



Original Color

30.8407, 35.9323, 39.4926

Achromatopsia

32.4990, 34.1914, 37.2345

Achromatomaly

31.7560, 34.8279, 37.8496

CSS Examples

Text

The CSS property to change the color of the text to XYZ 30.8407, 35.9323, 39.4926 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(137, 168, 162)` looks like.

```
.text, #text, p{  
    color:rgb(137, 168, 162)  
}
```

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(137, 168, 162) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(137, 168, 162) }
```

Border

The CSS property to change the border of an element to XYZ 30.8407, 35.9323, 39.4926 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(137, 168, 162) }
```


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

```
.border{ border-color:rgb(137, 168, 162) }
```

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

Here you see how a box with a 4 pixel rgb(137, 168, 162) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(137, 168, 162); -webkit-box-  
shadow:4px 4px 4px 4px rgb(137, 168, 162);  
box-shadow:4px 4px 4px 4px rgb(137, 168,  
162) }
```

Background

The CSS property to change the background color of an element to XYZ 30.8407, 35.9323, 39.4926 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(137, 168, 162) }
```

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

```
.background{ background-color: rgb(137,  
168, 162) }
```

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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