

Converting Colors

XYZ(33.7475, 41.4991, 39.9327)

Have a look what the booklet for
XYZ(33.7475, 41.4991, 39.9327)
contains.

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Color

**XYZ(33.8084, 41.5181,
39.9501)**

Conversions

Conversions Part 1

Format	Color
Hex	8BB6A1
RGB	139, 182, 161
RGB Percent	55%, 71%, 63%
CMY	0.4549, 0.2863, 0.3686
CMYK	0.24, 0.00, 0.12, 0.29
HSL	151°, 23%, 63%
HSV	151°, 24%, 71%
XYZ	33.8084, 41.5181, 39.9501
YIQ	166.7490, -18.8870, -15.6470

Conversions

Conversions Part 2

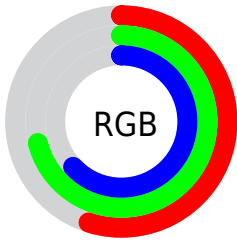
Format	Color
RYB	139, 167, 182
Decimal	9156257
CIELab	70.54, -18.74, 6.02
CIELCh	71, 19.682, 162.183
Yxy	41.5181, 0.2933, 0.3602
Android (android.graphics.Color)	4287346337 (0xFF8BB6A1)
YUV	166.7490, -2.8343, -24.3359
Hunter-Lab	64.4345, -19.1026, 8.3437

Details

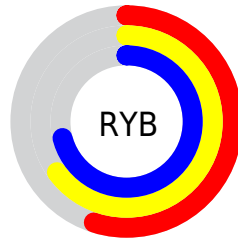
The XYZ color **33.8084, 41.5181, 39.9501** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **34.8706, 30.9493, 37.3953**, and the grayscale version is **36.6293, 38.5369, 41.9667**.

A 20% lighter version of the original color is **64.9615, 77.4444, 76.4902**, and **14.6351, 18.8793, 17.3407** is the 20% darker color. If you saturate the color by 10%, you get **30.2627, 39.7788, 35.8371**, and if you desaturate by 10%, it is **37.9181, 43.5440, 44.3822**.

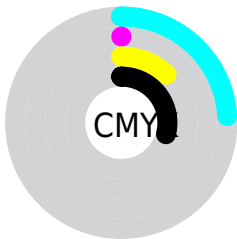
Distribution



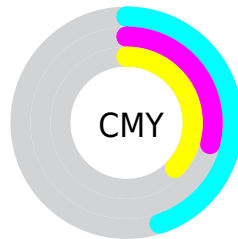
- Red (55%)
- Green (71%)
- Blue (63%)



- Red (55%)
- Yellow (65%)
- Blue (71%)



- Cyan (24%)
- Magenta (0%)
- Yellow (12%)
- Black (29%)



- Cyan (45%)
- Magenta (29%)
- Yellow (37%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 33.8084, 41.5181, 39.9501 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 33.8084, 41.5181, 39.9501 by changing the saturation by 10% instead.

■ 33.8084, 41.5181,
39.9501

■ 33.8084, 41.5181,
39.9501

310.8778,
352.4814, 361.4590

■ 22.9086, 28.7241,
27.1861

■ 64.9819, 77.4698,
76.3238

■ 14.6464, 18.8722,
17.4794

■ 85.9863, 101.3963,
100.7706

■ 8.6563, 11.5780,
10.4113

■ 111.0897,
129.8024, 129.9488

■ 4.5730, 6.4570,
5.5634

140.6573,
163.0725, 164.2768

■ 2.0311, 3.1249,
2.5170

175.0546,
201.5911, 204.1734

■ 0.6514, 1.1973,
0.8491

214.6469,

■ 0.0000, 0.0595,

245.7425, 250.0569

0.0000

259.7995,
295.9111, 302.3459

■ 0.0000, 0.0000,
0.0000

■ 33.8084, 41.5181,
39.9501

■ 33.8084, 41.5181,
39.9501

■ 30.2627, 39.7788,
35.8371

■ 37.9181, 43.5440,
44.3822

■ 27.2514, 38.3074,
32.0331

■ 42.6127, 45.8638,
49.1377

■ 24.7472, 37.0914,
28.5317

■ 47.9164, 48.4908,
54.2241

■ 22.7192, 36.1148,
25.3249

■ 53.8507, 51.4362,
59.6479

■ 21.1325, 35.3598,
22.4044

■ 60.4363, 54.7104,
65.4156

■ 19.9474, 34.8061,
19.7615

■ 67.6929, 58.3234,
71.5331

■ 19.1163, 34.4294,
17.3868

■ 71.3184, 60.0574,
77.8044

■ 18.7096, 34.2498,
16.0070

■ 72.5504, 60.5502,
84.2923

■ 73.8464, 61.0686,
91.1167

Harmonies

Analogous

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



35.4140, 41.5181, 33.2031



33.8084, 41.5181, 39.9501



33.6652, 41.5181, 49.0875

Triad

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



33.8084, 41.5181, 39.9501



40.7947, 41.5181, 65.0450



44.2739, 41.5181, 34.2258

Complementary

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



33.8084, 41.5181, 39.9501



34.8706, 30.9493, 37.3953

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.



45.8880, 41.5181, 41.5350



33.8084, 41.5181, 39.9501



43.8067, 41.5181, 59.8008

Square

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



33.8084, 41.5181, 39.9501



37.5810, 41.5181, 64.4666



45.7125, 41.5181, 50.9041



41.4041, 41.5181, 30.2237

Rectangle

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



33.8084, 41.5181, 39.9501



34.4074, 41.5181, 55.4199



45.7125, 41.5181, 50.9041



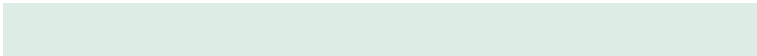
44.9882, 41.5181, 36.3314

Sweetspot

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



33.8096, 41.5198, 39.9510



74.1582, 81.6163, 86.0047



35.9869, 42.8471, 30.8001



16.2656, 17.9704, 18.8815



88.6918, 93.3107, 101.6153



17.8044, 18.7317, 20.3988

Same Dimension

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



33.8096, 41.5198, 39.9510



58.0530, 73.6792, 68.7419



35.8203, 42.3241, 50.5395



9.0769, 10.1348, 10.5626



13.2456, 24.1992, 11.4810



0.4981, 0.8655, 0.5689

Inverse Universe

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



34.8706, 30.9493, 37.3953



60.2913, 51.3814, 63.3515



33.1854, 30.2753, 28.5212



9.1825, 9.0834, 10.3083



14.9269, 7.5445, 7.5016



0.5575, 0.2785, 0.4292

Previews

White Background



This preview shows how the XYZ color 33.8084, 41.5181, 39.9501 looks on a white background.

Color Contrast Check

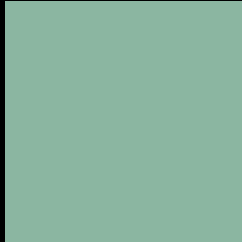
Large Text (above 18pt) WCAG AA × Fail

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 33.8084, 41.5181, 39.9501 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 33.8084, 41.5181, 39.9501

Background



This preview shows how black text looks on a background with the XYZ color 33.8084, 41.5181, 39.9501.



This preview shows how white text looks on a background with the XYZ color 33.8084, 41.5181,

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

33.8084, 41.5181, 39.9501

Protanopia

39.0697, 41.0761, 36.8796

Deuteranopia

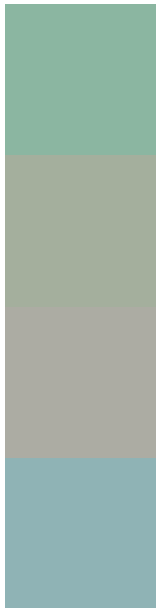
41.8229, 41.0291, 40.8371



Tritanopia

37.1119, 41.6663, 55.9556

Trichromacy



Original Color

33.8084, 41.5181, 39.9501

Protanomaly

36.7256, 40.9868, 37.8739

Deuteranomaly

38.3766, 40.9200, 40.5260

Tritanomaly

35.7883, 41.4160, 49.8239

Monochromacy



Original Color

33.8084, 41.5181, 39.9501

Achromatopsia

36.7301, 38.6429, 42.0822

Achromatomaly

35.4487, 39.3898, 41.3319

CSS Examples

Text

The CSS property to change the color of the text to XYZ 33.8084, 41.5181, 39.9501 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, 182, 161)` looks like.

```
.text, #text, p{  
    color:rgb(139, 182, 161)  
}
```

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, 182, 161) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(139, 182, 161) }
```

Border

The CSS property to change the border of an element to XYZ 33.8084, 41.5181, 39.9501 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, 182, 161) }
```


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

```
.border{ border-color:rgb(139, 182, 161) }
```

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

Here you see how a box with a 4 pixel `rgb(139, 182, 161)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(139, 182, 161); -webkit-box-shadow:4px 4px 4px 4px rgb(139, 182, 161); box-shadow:4px 4px 4px 4px rgb(139, 182, 161) }
```

Background

The CSS property to change the background color of an element to XYZ 33.8084, 41.5181, 39.9501 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(139, 182, 161) }
```

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

```
.background{ background-color: rgb(139,  
182, 161) }
```

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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