

Converting Colors

XYZ(33.0129, 39.2867, 39.5536)

Have a look what the booklet for
XYZ(33.0129, 39.2867, 39.5536)
contains.

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Color

**XYZ(33.1137, 39.3747,
39.5730)**

Conversions

Conversions Part 1

Format	Color
Hex	8EB0A1
RGB	142, 176, 161
RGB Percent	56%, 69%, 63%
CMY	0.4431, 0.3098, 0.3686
CMYK	0.19, 0.00, 0.09, 0.31
HSL	154°, 18%, 62%
HSV	154°, 19%, 69%
XYZ	33.1137, 39.3747, 39.5730
YIQ	164.1240, -15.4490, -11.8730

Conversions

Conversions Part 2

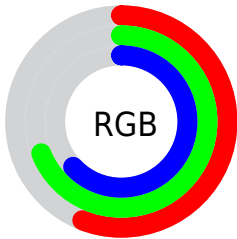
Format	Color
RYB	142, 164, 176
Decimal	9351329
CIELab	69.02, -14.65, 3.86
CIELCh	69, 15.149, 165.233
Yxy	39.3747, 0.2955, 0.3514
Android (android.graphics.Color)	4287541409 (0xFF8EB0A1)
YUV	164.1240, -1.5401, -19.4027
Hunter-Lab	62.7493, -15.6142, 6.5331

Details

The XYZ color **33.1137, 39.3747, 39.5730** is a light color, and the websafe version is hex **669999**. A complement of this color would be **33.6647, 31.0114, 36.1115**, and the grayscale version is **35.3589, 37.2003, 40.5111**.

A 20% lighter version of the original color is **64.0162, 74.4069, 75.9537**, and **14.2118, 17.5159, 17.3837** is the 20% darker color. If you saturate the color by 10%, you get **29.6656, 37.6749, 35.9476**, and if you desaturate by 10%, it is **37.0834, 41.3406, 43.4465**.

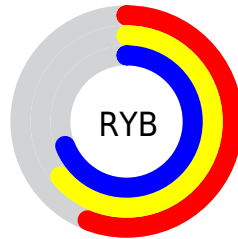
Distribution



Red (56%)

Green (69%)

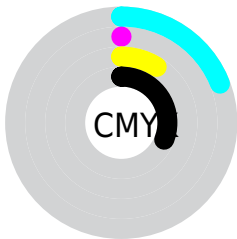
Blue (63%)



Red (56%)

Yellow (64%)

Blue (69%)

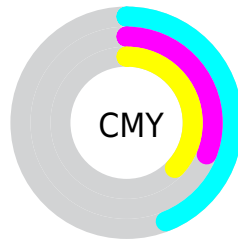


Cyan (19%)

Magenta (0%)

Yellow (9%)

Black (31%)



Cyan (44%)

Magenta (31%)

Yellow (37%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 33.1137, 39.3747, 39.5730 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 33.1137, 39.3747, 39.5730 by changing the saturation by 10% instead.

■ 33.1137, 39.3747,
39.5730

■ 33.1137, 39.3747,
39.5730

307.8177,
343.4809, 359.8190

■ 22.3732, 27.0513,
26.8945

■ 63.9065, 74.2104,
75.7428

■ 14.2495, 17.6118,
17.2623

■ 84.6895, 97.4915,
100.0712

■ 8.3773, 10.6716,
10.2577

■ 109.5507,
125.1940, 129.1200

■ 4.3911, 5.8465,
5.4623

138.8556,
157.7023, 163.3078

■ 1.9257, 2.7520,
2.4576

172.9693,
195.4007, 203.0530

■ 0.5917, 1.0037,
0.8175

212.2573,

■ 0.0000, 0.0000,

238.6737, 248.7743

0.0000

257.0850,
287.9056, 300.8901

■ 33.1137, 39.3747,
39.5730

■ 33.1137, 39.3747,
39.5730

■ 29.6656, 37.6749,
35.9476

■ 37.0834, 41.3406,
43.4465

■ 26.7127, 36.2245,
32.5626

■ 41.5929, 43.5788,
47.5705

■ 24.2312, 35.0124,
29.4136

■ 46.6638, 46.1012,
51.9504

■ 22.1940, 34.0246,
26.4952

■ 52.3153, 48.9178,
56.5910

■ 20.5710, 33.2459,
23.8015

■ 58.5657, 52.0379,
61.4967

■ 19.3282, 32.6587,
21.3265

■ 65.4325, 55.4704,
66.6719

■ 18.4258, 32.2426,
19.0636

■ 69.0783, 57.2370,
71.9403

■ 17.7873, 31.9584,
17.0045

■ 70.1024, 57.6467,
77.3336

■ 17.7471, 31.9406,
16.8713

■ 71.1746, 58.0756,
82.9798

Harmonies

Analogous

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



34.2252, 39.3747, 34.1768



33.1137, 39.3747, 39.5730



33.1227, 39.3747, 46.4604

Triad

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



33.1137, 39.3747, 39.5730



38.6572, 39.3747, 57.0182



40.7889, 39.3747, 34.1110

Complementary

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



33.1137, 39.3747, 39.5730



33.6647, 31.0114, 36.1115

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.



42.0834, 39.3747, 39.4739



33.1137, 39.3747, 39.5730



40.8172, 39.3747, 52.9303

Square

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



33.1137, 39.3747, 39.5730



36.2540, 39.3747, 57.0521



42.0940, 39.3747, 46.3502



38.6199, 39.3747, 31.2613

Rectangle

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



33.1137, 39.3747, 39.5730



33.7602, 39.3747, 51.0066



42.0940, 39.3747, 46.3502



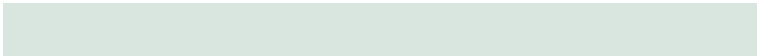
41.3448, 39.3747, 35.6524

Sweetspot

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



33.1148, 39.3763, 39.5739



69.7736, 76.2242, 81.1477



34.3724, 40.2038, 31.5402



15.0124, 16.4651, 17.4853



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.



33.1148, 39.3763, 39.5739



57.3906, 70.0959, 69.0316



34.1872, 39.2753, 46.8553



8.5811, 9.5669, 10.0538



13.0506, 23.4462, 12.5352



0.4394, 0.7492, 0.5458

Inverse Universe

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



33.6647, 31.0114, 36.1115



58.5647, 52.2425, 61.6436



32.7161, 31.0398, 29.8587



8.6469, 8.5655, 9.6392



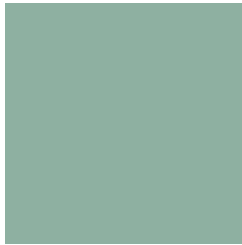
14.1653, 7.1837, 6.0302



0.4752, 0.2378, 0.3451

Previews

White Background



This preview shows how the XYZ color 33.1137, 39.3747, 39.5730 looks on a white background.

Color Contrast Check

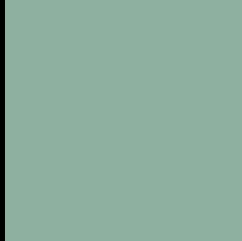
Large Text (above 18pt) WCAG AA × Fail

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 33.1137, 39.3747, 39.5730 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

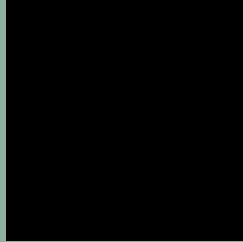
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 33.1137, 39.3747, 39.5730

Background



This preview shows how black text looks on a background with the XYZ color 33.1137, 39.3747, 39.5730.



This preview shows how white text looks on a background with the XYZ color 33.1137, 39.3747,

39.5730.

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

33.1137, 39.3747, 39.5730

Protanopia

37.2750, 39.0364, 37.0227

Deuteranopia

39.8709, 38.9601, 40.5406



Tritanopia

35.6481, 39.2533, 52.1522

Trichromacy



Original Color

33.1137, 39.3747, 39.5730

Protanomaly

35.4466, 38.8995, 37.9879

Deuteranomaly

37.0071, 38.8278, 40.1944

Tritanomaly

34.5564, 39.0812, 47.3171

Monochromacy



Original Color

33.1137, 39.3747, 39.5730

Achromatopsia

35.2861, 37.1238, 40.4278

Achromatomaly

34.3238, 37.7175, 40.1215

CSS Examples

Text

The CSS property to change the color of the text to XYZ 33.1137, 39.3747, 39.5730 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(142, 176, 161) looks like.

```
.text, #text, p{  
    color:rgb(142, 176, 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(142, 176, 161) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(142, 176, 161) }
```

Border

The CSS property to change the border of an element to XYZ 33.1137, 39.3747, 39.5730 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(142, 176, 161) }
```


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

```
.border{ border-color:rgb(142, 176, 161) }
```

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

Here you see how a box with a 4 pixel `rgb(142, 176, 161)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(142, 176, 161); -webkit-box-  
shadow:4px 4px 4px 4px rgb(142, 176, 161);  
box-shadow:4px 4px 4px 4px rgb(142, 176,  
161) }
```

Background

The CSS property to change the background color of an element to XYZ 33.1137, 39.3747, 39.5730 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(142, 176, 161) }
```

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

```
.background{ background-color: rgb(142,  
176, 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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