

Converting Colors

XYZ(33.1381, 42.3435, 42.9858)

Have a look what the booklet for
XYZ(33.1381, 42.3435, 42.9858)
contains.

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Color

**XYZ(33.1381, 42.3435,
42.9858)**

Conversions

Conversions Part 1

Format	Color
Hex	7EBAA7
RGB	126, 186, 167
RGB Percent	49%, 73%, 65%
CMY	0.5059, 0.2706, 0.3451
CMYK	0.32, 0.00, 0.10, 0.27
HSL	161°, 30%, 61%
HSV	161°, 32%, 73%
XYZ	33.1381, 42.3435, 42.9858
YIQ	165.8940, -29.6610, -18.6290

Conversions

Conversions Part 2

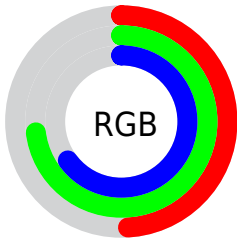
Format	Color
RYB	126, 162, 186
Decimal	8305319
CIELab	71.11, -23.55, 3.47
CIElCh	71, 23.804, 171.627
Yxy	42.3435, 0.2797, 0.3574
Android (android.graphics.Color)	4286495399 (0xFF7EBAA7)
YUV	165.8940, 0.5453, -34.9870
Hunter-Lab	65.0719, -22.9740, 6.3840

Details

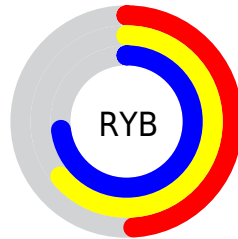
The XYZ color **33.1381, 42.3435, 42.9858** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **32.8228, 27.4061, 30.3495**, and the grayscale version is **36.2029, 38.0883, 41.4782**.

A 20% lighter version of the original color is **63.7593, 78.4815, 80.8952**, and **14.3061, 19.4687, 19.2235** is the 20% darker color. If you saturate the color by 10%, you get **30.1143, 40.8473, 40.0666**, and if you desaturate by 10%, it is **36.6991, 44.1160, 46.0614**.

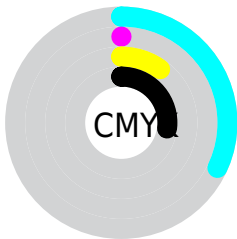
Distribution



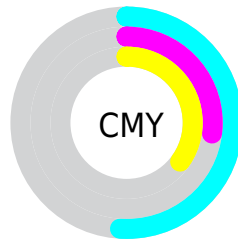
- Red (49%)
- Green (73%)
- Blue (65%)



- Red (49%)
- Yellow (64%)
- Blue (73%)



- Cyan (32%)
- Magenta (0%)
- Yellow (10%)
- Black (27%)





- Cyan (51%)
- Magenta (27%)
- Yellow (35%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 33.1381, 42.3435, 42.9858 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 33.1381, 42.3435, 42.9858 by changing the saturation by 10% instead.


 33.1381, 42.3435,
42.9858


 33.1381, 42.3435,
42.9858


307.9256,
355.9049, 374.4729

 22.3920, 29.3704,
29.5427


 63.9443, 78.7192,
80.9756

 14.2634, 19.3612,
19.2426


 84.7351, 102.8906,
106.3593

 8.3870, 11.9315,
11.6671


 109.6049,
131.5635, 136.5602

 4.3975, 6.6971,
6.3977

138.9190,
165.1224, 171.9970

 1.9294, 3.2734,
3.0157

173.0428,
203.9515, 213.0881

 0.5938, 1.2761,
1.1027

212.3415,

 0.0000, 0.1226,

248.4354, 260.2521

0.0000

257.1807,
298.9584, 313.9075

■ 0.0000, 0.0000,
0.0000

■ 33.1381, 42.3435,
42.9858

■ 33.1381, 42.3435,
42.9858

■ 30.1143, 40.8473,
40.0666

■ 36.6991, 44.1160,
46.0614

■ 27.5953, 39.6074,
37.2980

■ 40.8201, 46.1732,
49.2936

■ 25.5512, 38.6094,
34.6776

■ 45.5270, 48.5295,
52.6859

■ 23.9466, 37.8354,
32.2022

■ 50.8429, 51.1968,
56.2412

■ 22.7417, 37.2647,
29.8679

■ 56.7898, 54.1863,
59.9621

■ 21.8885, 36.8726,
27.6707

■ 63.3883, 57.5087,
63.8510

■ 21.3969, 36.6543,
26.0594

■ 70.2139, 60.9451,
67.8896

■ 70.9535, 61.2409,
71.7840

■ 71.7202, 61.5476,
75.8217

Harmonies

Analogous

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



34.5383, 42.3435, 33.7909



33.1381, 42.3435, 42.9858



33.5415, 42.3435, 54.6661

Triad

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



33.1381, 42.3435, 42.9858



43.1340, 42.3435, 69.6345



45.1876, 42.3435, 30.9649

Complementary

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



33.1381, 42.3435, 42.9858



32.8228, 27.4061, 30.3495

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.



47.7898, 42.3435, 38.4876



33.1381, 42.3435, 42.9858



46.5508, 42.3435, 61.0969

Square

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



33.1381, 42.3435, 42.9858



39.1419, 42.3435, 71.3728



48.3044, 42.3435, 49.3713



41.3712, 42.3435, 27.6390

Rectangle

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



33.1381, 42.3435, 42.9858



34.7913, 42.3435, 62.2549



48.3044, 42.3435, 49.3713



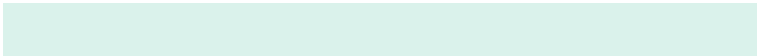
46.2435, 42.3435, 33.0214

Sweetspot

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



33.1393, 42.3452, 42.9868



75.6820, 84.5363, 90.6063



33.1801, 42.7370, 26.2394



16.4132, 18.4897, 19.7651



90.7827, 95.5105, 104.0109



18.6292, 19.5994, 21.3438

Same Dimension

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



33.1393, 42.3452, 42.9868



55.9235, 74.6980, 73.9763



32.9937, 39.0331, 52.2517



9.1424, 10.1609, 10.9070



14.4296, 24.6728, 17.7163



0.5354, 0.8805, 0.7653

Inverse Universe

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



32.8228, 27.4061, 30.3495



55.2631, 43.2320, 47.3899



32.8210, 29.5548, 23.7139



9.1187, 9.0578, 9.9723



14.1833, 7.2471, 3.5860



0.5289, 0.2670, 0.2788

Previews

White Background



This preview shows how the XYZ color 33.1381, 42.3435, 42.9858 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 33.1381, 42.3435, 42.9858 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

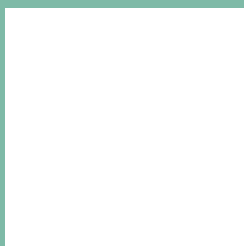
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 33.1381, 42.3435, 42.9858

Background



This preview shows how black text looks on a background with the XYZ color 33.1381, 42.3435, 42.9858.



This preview shows how white text looks on a background with the XYZ color 33.1381, 42.3435,

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

33.1381, 42.3435, 42.9858

Protanopia

40.1111, 42.1285, 39.2752

Deuteranopia

42.8392, 42.0219, 44.3812



Tritanopia

36.3646, 42.4280, 58.4973

Trichromacy



Original Color

33.1381, 42.3435, 42.9858

Protanomaly

37.0285, 41.9587, 40.7976

Deuteranomaly

38.5220, 41.7777, 44.0638

Tritanomaly

34.8964, 42.1156, 52.1888

Monochromacy



Original Color

33.1381, 42.3435, 42.9858

Achromatopsia

36.2450, 38.1326, 41.5264

Achromatomaly

34.5890, 39.2196, 41.8235

CSS Examples

Text

The CSS property to change the color of the text to XYZ 33.1381, 42.3435, 42.9858 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(126, 186, 167)` looks like.

```
.text, #text, p{  
    color:rgb(126, 186, 167)  
}
```

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(126, 186, 167) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(126, 186, 167) }
```

Border

The CSS property to change the border of an element to XYZ 33.1381, 42.3435, 42.9858 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(126, 186, 167) }
```


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

```
.border{ border-color:rgb(126, 186, 167) }
```

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

Here you see how a box with a 4 pixel `rgb(126, 186, 167)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(126, 186, 167); -webkit-box-  
shadow:4px 4px 4px 4px rgb(126, 186, 167);  
box-shadow:4px 4px 4px 4px rgb(126, 186,  
167) }
```

Background

The CSS property to change the background color of an element to XYZ 33.1381, 42.3435, 42.9858 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(126, 186, 167) }
```

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

```
.background{ background-color: rgb(126,  
186, 167) }
```

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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