

Converting Colors

XYZ(33.3539, 41.1223, 37.5918)

Have a look what the booklet for
XYZ(33.3539, 41.1223, 37.5918)
contains.

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Color

**XYZ(33.3398, 41.0235,
37.6136)**

Conversions

Conversions Part 1

Format	Color
Hex	8CB59C
RGB	140, 181, 156
RGB Percent	55%, 71%, 61%
CMY	0.4510, 0.2902, 0.3882
CMYK	0.23, 0.00, 0.14, 0.29
HSL	143°, 22%, 63%
HSV	143°, 23%, 71%
XYZ	33.3398, 41.0235, 37.6136
YIQ	165.8910, -16.4110, -16.4670

Conversions

Conversions Part 2

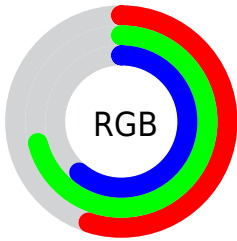
Format	Color
RYB	140, 169, 181
Decimal	9221532
CIELab	70.19, -18.90, 8.28
CIELCh	70, 20.628, 156.349
Yxy	41.0235, 0.2977, 0.3664
Android (android.graphics.Color)	4287411612 (0xFF8CB59C)
YUV	165.8910, -4.8763, -22.7064
Hunter-Lab	64.0496, -19.1720, 10.0162

Details

The XYZ color **33.3398, 41.0235, 37.6136** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **35.2271, 31.2974, 39.7833**, and the grayscale version is **36.2222, 38.1086, 41.5003**.

A 20% lighter version of the original color is **64.1652, 76.6909, 72.3937**, and **14.3888, 18.5821, 16.1929** is the 20% darker color. If you saturate the color by 10%, you get **29.6447, 39.2229, 32.7819**, and if you desaturate by 10%, it is **37.6238, 43.1202, 42.9179**.

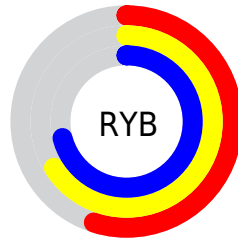
Distribution



Red (55%)

Green (71%)

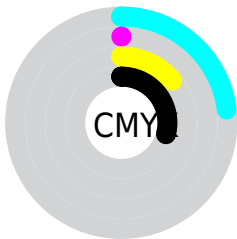
Blue (61%)



Red (55%)

Yellow (66%)

Blue (71%)

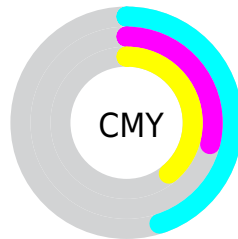


Cyan (23%)

Magenta (0%)

Yellow (14%)

Black (29%)



Cyan (45%)


Magenta (29%)


Yellow (39%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 33.3398, 41.0235, 37.6136 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 33.3398, 41.0235, 37.6136 by changing the saturation by 10% instead.


 33.3398, 41.0235,
37.6136


 33.3398, 41.0235,
37.6136


308.8161,
350.4188, 351.2079


 22.5474, 28.3374,
25.3834


 64.2568, 76.7196,
72.7123

 14.3785, 18.5802,
16.1413


 85.1121, 100.4984,
96.4180

 8.4678, 11.3673,
9.4688


 110.0524,
128.7435, 124.7859

 4.4500, 6.3145,
4.9472

139.4430,
161.8395, 158.2346

 1.9598, 3.0372,
2.1581

173.6493,
200.1706, 197.1825

 0.6112, 1.1512,
0.6501

213.0367,

 0.0000, 0.0213,

244.1213, 242.0484

0.0000

257.9705,
294.0759, 293.2507

■ 0.0000, 0.0000,
0.0000

■ 33.3398, 41.0235,
37.6136

■ 33.3398, 41.0235,
37.6136

■ 29.6447, 39.2229,
32.7819

■ 37.6238, 43.1202,
42.9179

■ 26.5084, 37.6996,
28.4072

■ 42.5183, 45.5204,
48.7047

■ 23.9031, 36.4409,
24.4767

■ 48.0480, 48.2377,
54.9868

■ 21.7972, 35.4305,
20.9762

■ 54.2351, 51.2834,
61.7757

■ 20.1554, 34.6508,
17.8906

■ 61.1008, 54.6682,
69.0828

■ 18.9379, 34.0813,
15.2037

■ 68.6653, 58.4022,
76.9187

■ 18.0970, 33.6979,
12.8984

■ 72.5100, 60.2075,
85.0863

■ 17.6502, 33.4996,
11.4354

■ 74.1392, 60.8591,
93.6653

■ 75.8147, 61.5293,
102.4882

Harmonies

Analogous

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



35.2674, 41.0235, 31.2988



33.3398, 41.0235, 37.6136



32.8863, 41.0235, 46.7563

Triad

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



33.3398, 41.0235, 37.6136



39.7143, 41.0235, 65.8216



44.4600, 41.0235, 34.5251

Complementary

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



33.3398, 41.0235, 37.6136



35.2271, 31.2974, 39.7833

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.



45.8093, 41.0235, 42.6420



33.3398, 41.0235, 37.6136



42.9692, 41.0235, 61.3861

Square

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



33.3398, 41.0235, 37.6136



36.4438, 41.0235, 63.9640



45.2486, 41.0235, 52.5526



41.6555, 41.0235, 29.7040

Rectangle

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



33.3398, 41.0235, 37.6136



33.4564, 41.0235, 53.4423



45.2486, 41.0235, 52.5526



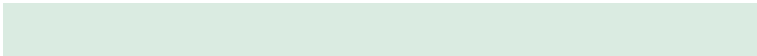
45.1060, 41.0235, 36.9101

Sweetspot

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



33.3409, 41.0252, 37.6145



72.0949, 79.5344, 82.4905



36.8350, 42.9729, 31.1645



15.4716, 17.1360, 17.6984



86.6293, 91.1408, 99.2523



17.0014, 17.8868, 19.4787

Same Dimension

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



33.3409, 41.0252, 37.6145



56.4058, 71.8592, 63.1073



35.1983, 41.7682, 47.3955



8.5217, 9.5432, 9.7410



12.1991, 23.1056, 8.0510



0.4129, 0.7386, 0.4066

Inverse Universe

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



35.2271, 31.2974, 39.7833



60.3589, 51.4648, 67.6484



33.5294, 30.6184, 30.8439



8.7067, 8.5894, 9.9540



15.1258, 7.5679, 11.0882



0.5035, 0.2492, 0.4943

Previews

White Background



This preview shows how the XYZ color 33.3398, 41.0235, 37.6136 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 33.3398, 41.0235, 37.6136 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 33.3398, 41.0235, 37.6136

Background



This preview shows how black text looks on a background with the XYZ color 33.3398, 41.0235, 37.6136.



This preview shows how white text looks on a background with the XYZ color 33.3398, 41.0235,

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

33.3398, 41.0235, 37.6136

Protanopia

38.7392, 40.9439, 35.1393

Deuteranopia

41.4514, 40.6199, 38.4566



Tritanopia

36.6737, 40.8794, 54.6728

Trichromacy



Original Color

33.3398, 41.0235, 37.6136

Protanomaly

36.5968, 40.9592, 36.1140

Deuteranomaly

37.9680, 40.4787, 38.1598

Tritanomaly

35.4579, 40.9844, 48.1614

Monochromacy



Original Color

33.3398, 41.0235, 37.6136

Achromatopsia

36.2450, 38.1326, 41.5264

Achromatomaly

34.9891, 38.9026, 39.8472

CSS Examples

Text

The CSS property to change the color of the text to XYZ 33.3398, 41.0235, 37.6136 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(140, 181, 156)` looks like.

```
.text, #text, p{  
    color:rgb(140, 181, 156)  
}
```

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(140, 181, 156) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(140, 181, 156) }
```

Border

The CSS property to change the border of an element to XYZ 33.3398, 41.0235, 37.6136 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(140, 181, 156) }
```


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

```
.border{ border-color:rgb(140, 181, 156) }
```

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

Here you see how a box with a 4 pixel `rgb(140, 181, 156)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(140, 181, 156); -webkit-box-  
shadow:4px 4px 4px 4px rgb(140, 181, 156);  
box-shadow:4px 4px 4px 4px rgb(140, 181,  
156) }
```

Background

The CSS property to change the background color of an element to XYZ 33.3398, 41.0235, 37.6136 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(140, 181, 156) }
```

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

```
.background{ background-color: rgb(140,  
181, 156) }
```

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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