

Converting Colors

XYZ(33.5316, 39.6590, 36.2801)

Have a look what the booklet for
XYZ(33.5316, 39.6590, 36.2801)
contains.

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Color

**XYZ(33.5708, 39.6797,
36.4614)**

Conversions

Conversions Part 1

Format	Color
Hex	94B09A
RGB	148, 176, 154
RGB Percent	58%, 69%, 60%
CMY	0.4196, 0.3098, 0.3961
CMYK	0.16, 0.00, 0.13, 0.31
HSL	133°, 15%, 64%
HSV	133°, 16%, 69%
XYZ	33.5708, 39.6797, 36.4614
YIQ	165.1200, -9.6260, -12.7780

Conversions

Conversions Part 2

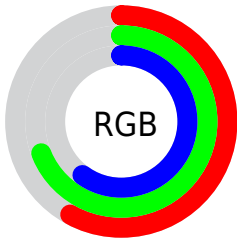
Format	Color
RYB	148, 171, 176
Decimal	9744538
CIELab	69.24, -13.98, 8.08
CIELCh	69, 16.149, 149.968
Yxy	39.6797, 0.3060, 0.3617
Android (android.graphics.Color)	4287934618 (0xFF94B09A)
YUV	165.1200, -5.4822, -15.0142
Hunter-Lab	62.9918, -15.1061, 9.7756

Details

The XYZ color **33.5708, 39.6797, 36.4614** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **35.7515, 33.3131, 42.5778**, and the grayscale version is **35.8514, 37.7185, 41.0754**.

A 20% lighter version of the original color is **64.5989, 74.8238, 70.7122**, and **14.4609, 17.6866, 15.4836** is the 20% darker color. If you saturate the color by 10%, you get **29.5400, 37.7284, 30.6030**, and if you desaturate by 10%, it is **38.2207, 41.9371, 43.0432**.

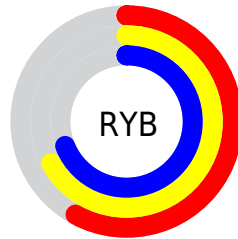
Distribution



Red (58%)

Green (69%)

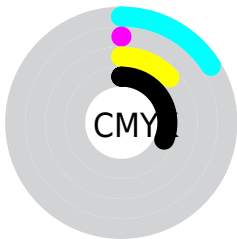
Blue (60%)



Red (58%)

Yellow (67%)

Blue (69%)

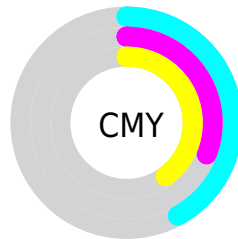


Cyan (16%)

Magenta (0%)

Yellow (13%)

Black (31%)



Cyan (42%)

Magenta (31%)

Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 33.5708, 39.6797, 36.4614 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 33.5708, 39.6797, 36.4614 by changing the saturation by 10% instead.

■ 33.5708, 39.6797,
36.4614

■ 33.5708, 39.6797,
36.4614

309.8337,
344.7717, 346.0710

■ 22.7254, 27.2889,
24.4982

■ 64.6144, 74.6755,
70.9207

■ 14.5105, 17.7903,
15.4880

■ 85.5433, 98.0493,
94.2539

■ 8.5606, 10.7995,
9.0122

110.5641,
125.8529, 122.2142

■ 4.5105, 5.9322,
4.6522

140.0421,
158.4707, 155.2201

■ 1.9948, 2.8039,
1.9895

174.3427,
196.2871, 193.6902

■ 0.6310, 1.0302,
0.5488

213.8313,

■ 0.0000, 0.0000,

239.6865, 238.0430

0.0000

258.8732,
289.0532, 288.6971

■ 33.5708, 39.6797,
36.4614

■ 33.5708, 39.6797,
36.4614

■ 29.5400, 37.7284,
30.6030

■ 38.2207, 41.9371,
43.0432

■ 26.0986, 36.0650,
25.4407

■ 43.5109, 44.5076,
50.3692

■ 23.2196, 34.6772,
20.9493

■ 49.4660, 47.4046,
58.4627

■ 20.8724, 33.5499,
17.1013

■ 56.1081, 50.6390,
67.3451

■ 19.0235, 32.6665,
13.8670

■ 63.4583, 54.2213,
77.0369

■ 17.6355, 32.0082,
11.2145

■ 71.5367, 58.1613,
87.5581

■ 16.6655, 31.5538,
9.1089

■ 74.1480, 59.2650,
98.6368

■ 16.0591, 31.2758,
7.5116

■ 74.8161, 59.5323,
102.1554

■ 15.8714, 31.1904,
6.9934

Harmonies

Analogous

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



35.2844, 39.6797, 32.0037



33.5708, 39.6797, 36.4614



32.9568, 39.6797, 43.1966

Triad

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



33.5708, 39.6797, 36.4614



37.7116, 39.6797, 59.0688



42.1885, 39.6797, 36.4735

Complementary

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



33.5708, 39.6797, 36.4614



35.7515, 33.3131, 42.5778

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.



42.9091, 39.6797, 43.2123



33.5708, 39.6797, 36.4614



40.2534, 39.6797, 56.7541

Square

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



33.5708, 39.6797, 36.4614



35.2799, 39.6797, 56.7447



42.1856, 39.6797, 50.7315



40.2584, 39.6797, 32.0101

Rectangle

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



33.5708, 39.6797, 36.4614



33.2308, 39.6797, 48.2529



42.1856, 39.6797, 50.7315



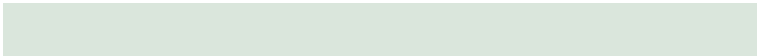
42.5841, 39.6797, 38.5210

Sweetspot

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



33.5719, 39.6814, 36.4623



70.0612, 76.4180, 79.1041



37.5364, 41.7815, 34.1036



15.0489, 16.4957, 16.9551



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.



33.5719, 39.6814, 36.4623



58.2594, 70.6926, 62.3457



34.7700, 40.1606, 42.7714



8.4610, 9.5189, 9.4215



11.6627, 22.8911, 5.2268



0.3884, 0.7288, 0.2771

Inverse Universe

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



35.7515, 33.3131, 42.5778



62.9487, 56.9896, 75.5012



34.5303, 32.8246, 36.1470



8.7705, 8.6149, 10.2899



16.5402, 8.1336, 18.5362



0.5399, 0.2637, 0.6859

Previews

White Background



This preview shows how the XYZ color 33.5708, 39.6797, 36.4614 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 33.5708, 39.6797, 36.4614 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

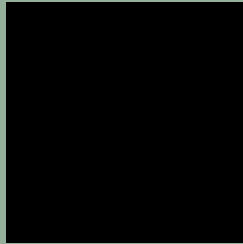
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 33.5708, 39.6797, 36.4614

Background



This preview shows how black text looks on a background with the XYZ color 33.5708, 39.6797, 36.4614.



This preview shows how white text looks on a background with the XYZ color 33.5708, 39.6797,

36.4614.

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

33.5708, 39.6797, 36.4614

Protanopia

37.4121, 39.4374, 34.4945

Deuteranopia

40.1693, 39.4475, 37.3953



Tritanopia

36.6463, 39.7801, 51.6458

Trichromacy



Original Color

33.5708, 39.6797, 36.4614

Protanomaly

35.8747, 39.4672, 35.0053

Deuteranomaly

37.4589, 39.4042, 37.0840

Tritanomaly

35.3460, 39.5224, 45.8101

Monochromacy



Original Color

33.5708, 39.6797, 36.4614

Achromatopsia

35.7637, 37.6262, 40.9749

Achromatomaly

34.9191, 38.3201, 39.2743

CSS Examples

Text

The CSS property to change the color of the text to XYZ 33.5708, 39.6797, 36.4614 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(148, 176, 154) looks like.

```
.text, #text, p{  
    color:rgb(148, 176, 154)  
}
```

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(148, 176, 154) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(148, 176, 154) }
```

Border

The CSS property to change the border of an element to XYZ 33.5708, 39.6797, 36.4614 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(148, 176, 154) }
```


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

```
.border{ border-color:rgb(148, 176, 154) }
```

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

Here you see how a box with a 4 pixel `rgb(148, 176, 154)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(148, 176, 154); -webkit-box-shadow:4px 4px 4px 4px rgb(148, 176, 154); box-shadow:4px 4px 4px 4px rgb(148, 176, 154) }
```

Background

The CSS property to change the background color of an element to XYZ 33.5708, 39.6797, 36.4614 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(148, 176, 154) }
```

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

```
.background{ background-color: rgb(148,  
176, 154) }
```

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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