

Converting Colors

XYZ(33.0863, 43.7183, 39.9205)

Have a look what the booklet for
XYZ(33.0863, 43.7183, 39.9205)
contains.

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Color

**XYZ(33.0708, 43.6501,
39.9400)**

Conversions

Conversions Part 1

Format	Color
Hex	7CBEA0
RGB	124, 190, 160
RGB Percent	49%, 75%, 63%
CMY	0.5137, 0.2549, 0.3725
CMYK	0.35, 0.00, 0.16, 0.25
HSL	153°, 34%, 62%
HSV	153°, 35%, 75%
XYZ	33.0708, 43.6501, 39.9400
YIQ	166.8460, -29.7060, -23.3220

Conversions

Conversions Part 2

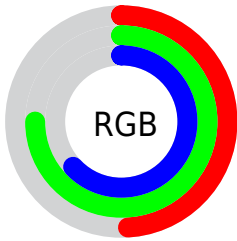
Format	Color
RYB	124, 167, 190
Decimal	8175264
CIELab	71.99, -27.61, 8.55
CIELCh	72, 28.904, 162.803
Yxy	43.6501, 0.2835, 0.3742
Android (android.graphics.Color)	4286365344 (0xFF7CBEA0)
YUV	166.8460, -3.3751, -37.5759
Hunter-Lab	66.0682, -26.2703, 10.4054

Details

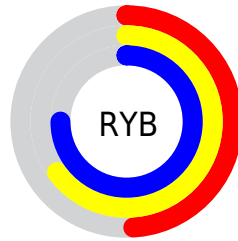
The XYZ color **33.0708, 43.6501, 39.9400** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **34.2771, 27.6966, 34.1130**, and the grayscale version is **36.6829, 38.5932, 42.0280**.

A 20% lighter version of the original color is **63.8866, 80.8928, 76.5367**, and **14.2370, 20.0902, 17.5954** is the 20% darker color. If you saturate the color by 10%, you get **29.8557, 42.0781, 35.9820**, and if you desaturate by 10%, it is **36.8699, 45.5194, 44.2013**.

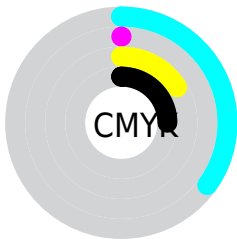
Distribution



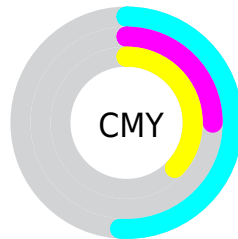
- Red (49%)
- Green (75%)
- Blue (63%)



- Red (49%)
- Yellow (65%)
- Blue (75%)



- Cyan (35%)
- Magenta (0%)
- Yellow (16%)
- Black (25%)





- Cyan (51%)
- Magenta (25%)
- Yellow (37%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 33.0708, 43.6501, 39.9400 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 33.0708, 43.6501, 39.9400 by changing the saturation by 10% instead.


 33.0708, 43.6501,
39.9400


 33.0708, 43.6501,
39.9400


307.6280,
361.2785, 361.4152


 22.3402, 30.3955,
27.1783


 63.8400, 80.6910,
76.3082

 14.2251, 20.1390,
17.4736


 84.6093, 105.2461,
100.7519

 8.3601, 12.4961,
10.4072


 109.4555,
134.3368, 129.9266

 4.3800, 7.0825,
5.5607

138.7440,
168.3475, 164.2509

 1.9193, 3.5138,
2.5154

172.8401,
207.6626, 204.1434

 0.5880, 1.4055,
0.8483

212.1093,

 0.0000, 0.2207,

252.6666, 250.0226

0.0000

256.9168,
303.7438, 302.3070

■ 0.0000, 0.0000,
0.0000

■ 33.0708, 43.6501,
39.9400

■ 33.0708, 43.6501,
39.9400

■ 29.8557, 42.0781,
35.9820

■ 36.8699, 45.5194,
44.2013

■ 27.1894, 40.7820,
32.3173

■ 41.2784, 47.6955,
48.7696

■ 25.0385, 39.7456,
28.9395


■ 46.3246, 50.1941,
53.6524


■ 23.3640, 38.9492,
25.8410


■ 52.0340, 53.0281,
58.8559


■ 22.1211, 38.3698,
23.0135


■ 58.4305, 56.2099,
64.3862

 21.2558, 37.9796,
20.4482

 65.5369, 59.7509,
70.2493

 20.8944, 37.8206,
19.1985

 72.6336, 63.2803,
76.4161

 73.8107, 63.7511,
82.6146

 75.0478, 64.2460,
89.1292

Harmonies

Analogous

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



35.3712, 43.6501, 30.2533



33.0708, 43.6501, 39.9400



32.9092, 43.6501, 53.8047

Triad

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



33.0708, 43.6501, 39.9400



43.6256, 43.6501, 79.2423



48.8436, 43.6501, 31.3563

Complementary

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



33.0708, 43.6501, 39.9400



34.2771, 27.6966, 34.1130

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.



51.4416, 43.6501, 41.7586



33.0708, 43.6501, 39.9400



48.2724, 43.6501, 70.3736

Square

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



33.0708, 43.6501, 39.9400



38.7465, 43.6501, 78.4867



51.2247, 43.6501, 56.0199



44.3561, 43.6501, 26.0140

Rectangle

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



33.0708, 43.6501, 39.9400



34.0154, 43.6501, 63.8149



51.2247, 43.6501, 56.0199



49.9822, 43.6501, 34.2780

Sweetspot

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



33.0720, 43.6519, 39.9410



78.8366, 88.4250, 92.3505



35.5322, 45.2329, 25.9274



17.0302, 19.2779, 20.0048



92.9021, 97.7402, 106.4391



19.4759, 20.4902, 22.3138

Same Dimension

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



33.0720, 43.6519, 39.9410



55.2161, 76.7929, 66.6335



35.5484, 43.8857, 55.3146



9.6206, 10.7343, 11.2514



13.9331, 25.1635, 12.9761



0.5784, 0.9987, 0.6800

Inverse Universe

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



34.2771, 27.6966, 34.1130



57.7429, 43.3699, 54.4373



32.3610, 27.3763, 22.6479



9.7056, 9.6066, 10.8388



15.2856, 7.7454, 6.7975



0.6318, 0.3166, 0.4401

Previews

White Background



This preview shows how the XYZ color 33.0708, 43.6501, 39.9400 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 33.0708, 43.6501, 39.9400 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

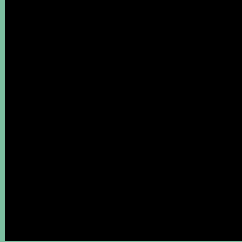
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 33.0708, 43.6501, 39.9400

Background



This preview shows how black text looks on a background with the XYZ color 33.0708, 43.6501, 39.9400.



This preview shows how white text looks on a background with the XYZ color 33.0708, 43.6501,

39.9400.

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

33.0708, 43.6501, 39.9400

Protanopia

40.7646, 43.1173, 35.8797

Deuteranopia

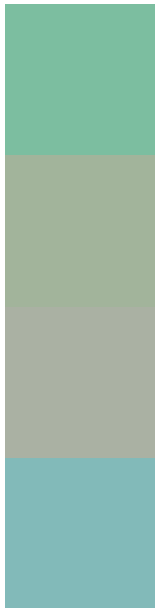
44.1015, 43.3001, 41.1553



Tritanopia

37.1222, 43.3910, 60.4516

Trichromacy



Original Color

33.0708, 43.6501, 39.9400

Protanomaly

37.1379, 42.6905, 37.2930

Deuteranomaly

38.9106, 42.6347, 40.8288

Tritanomaly

35.5218, 43.3664, 52.3973

Monochromacy



Original Color

33.0708, 43.6501, 39.9400

Achromatopsia

36.7301, 38.6429, 42.0822

Achromatomaly

34.7933, 39.9196, 40.9934

CSS Examples

Text

The CSS property to change the color of the text to XYZ 33.0708, 43.6501, 39.9400 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(124, 190, 160)` looks like.

```
.text, #text, p{  
    color:rgb(124, 190, 160)  
}
```

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(124, 190, 160) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(124, 190, 160) }
```

Border

The CSS property to change the border of an element to XYZ 33.0708, 43.6501, 39.9400 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(124, 190, 160) }
```


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

```
.border{ border-color:rgb(124, 190, 160) }
```

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

Here you see how a box with a 4 pixel rgb(124, 190, 160) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(124, 190, 160); -webkit-box-  
shadow:4px 4px 4px 4px rgb(124, 190, 160);  
box-shadow:4px 4px 4px 4px rgb(124, 190,  
160) }
```

Background

The CSS property to change the background color of an element to XYZ 33.0708, 43.6501, 39.9400 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(124, 190, 160) }
```

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

```
.background{ background-color: rgb(124,  
190, 160) }
```

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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