

Converting Colors

XYZ(33.9557, 39.7604, 39.4171)

Have a look what the booklet for
XYZ(33.9557, 39.7604, 39.4171)
contains.

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Color

**XYZ(33.9910, 39.8269,
39.6141)**

Conversions

Conversions Part 1

Format	Color
Hex	93B0A1
RGB	147, 176, 161
RGB Percent	58%, 69%, 63%
CMY	0.4235, 0.3098, 0.3686
CMYK	0.16, 0.00, 0.09, 0.31
HSL	149°, 16%, 63%
HSV	149°, 16%, 69%
XYZ	33.9910, 39.8269, 39.6141
YIQ	165.6190, -12.4690, -10.8130

Conversions

Conversions Part 2

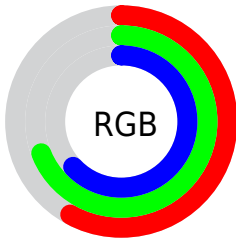
Format	Color
RYB	147, 167, 176
Decimal	9679009
CIELab	69.35, -12.97, 4.37
CIElCh	69, 13.683, 161.371
Yxy	39.8269, 0.2997, 0.3511
Android (android.graphics.Color)	4287869089 (0xFF93B0A1)
YUV	165.6190, -2.2772, -16.3289
Hunter-Lab	63.1086, -14.2978, 6.9589

Details

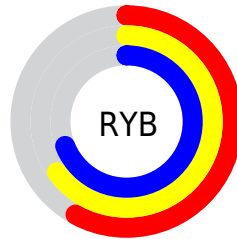
The XYZ color **33.9910, 39.8269, 39.6141** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **34.8612, 32.7072, 38.6599**, and the grayscale version is **36.0775, 37.9563, 41.3345**.

A 20% lighter version of the original color is **65.3387, 75.0886, 76.0156**, and **14.7213, 17.7785, 17.4076** is the 20% darker color. If you saturate the color by 10%, you get **30.2995, 38.0144, 35.4021**, and if you desaturate by 10%, it is **38.2261, 41.9151, 44.1584**.

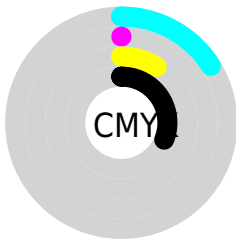
Distribution



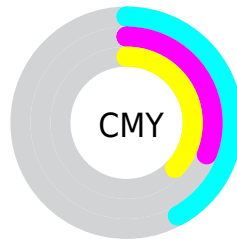
- Red (58%)
- Green (69%)
- Blue (63%)



- Red (58%)
- Yellow (65%)
- Blue (69%)



- Cyan (16%)
- Magenta (0%)
- Yellow (9%)
- Black (31%)





- Cyan (42%)
- Magenta (31%)
- Yellow (37%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 33.9910, 39.8269, 39.6141 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 33.9910, 39.8269, 39.6141 by changing the saturation by 10% instead.


 33.9910, 39.8269,
39.6141


 33.9910, 39.8269,
39.6141


311.6785,
345.3934, 359.9980

 23.0495, 27.4036,
26.9263


 65.2641, 74.8999,
75.8062

 14.7510, 17.8766,
17.2859


 86.3264, 98.3183,
100.1475

 8.7300, 10.8614,
10.2745

111.4930,
126.1706, 129.2105

 4.6212, 5.9737,
5.4733

141.1293,
158.8411, 163.4135

 2.0592, 2.8291,
2.4640

175.6007,
196.7143, 203.1753

 0.6669, 1.0432,
0.8210

215.2724,

 0.0000, 0.0000,

240.1744, 248.9142

0.0000

260.5099,
289.6060, 301.0490

■ 33.9910, 39.8269,
39.6141

■ 33.9910, 39.8269,
39.6141

■ 30.2995, 38.0144,
35.4021

■ 38.2261, 41.9151,
44.1584

■ 27.1251, 36.4607,
31.5123

■ 43.0232, 44.2850,
49.0396

■ 24.4441, 35.1550,
27.9377

■ 48.4039, 46.9488,
54.2657

■ 22.2296, 34.0834,
24.6701

■ 54.3874, 49.9161,
59.8435

■ 20.4519, 33.2308,
21.7010

■ 60.9924, 53.1966,
65.7796

■ 19.0776, 32.5802,
19.0214

■ 68.2365, 56.7991,
72.0804

■ 18.0683, 32.1120,
16.6216

■ 70.3201, 57.7337,
78.4800

■ 17.3720, 31.7995,
14.4911

■ 71.5938, 58.2432,
85.1872

■ 17.1642, 31.7074,
13.8015

■ 72.9347, 58.7796,
92.2485

Harmonies

Analogous

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



35.1306, 39.8269, 34.9052



33.9910, 39.8269, 39.6141



33.8624, 39.8269, 45.7939

Triad

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



33.9910, 39.8269, 39.6141



38.6932, 39.8269, 56.3385



41.1134, 39.8269, 35.8506

Complementary

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



33.9910, 39.8269, 39.6141



34.8612, 32.7072, 38.6599

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.



42.1482, 39.8269, 41.0230



33.9910, 39.8269, 39.6141



40.7153, 39.8269, 53.0912

Square

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



33.9910, 39.8269, 39.6141



36.5210, 39.8269, 55.8679



41.9997, 39.8269, 47.3449



39.2197, 39.8269, 32.8817

Rectangle

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



33.9910, 39.8269, 39.6141



34.3611, 39.8269, 49.9721



41.9997, 39.8269, 47.3449



41.5765, 39.8269, 37.3671

Sweetspot

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



33.9921, 39.8286, 39.6150



70.4743, 76.5832, 81.2792



35.7885, 40.8894, 33.6106



15.1498, 16.5361, 17.4867



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.



33.9921, 39.8286, 39.6150



58.9404, 70.9012, 68.8165



35.3005, 40.3519, 46.5047



8.5542, 9.5562, 9.9118



12.6224, 23.2749, 10.2804



0.4267, 0.7441, 0.4790

Inverse Universe

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



34.8612, 32.7072, 38.6599



60.8349, 55.3772, 66.7342



33.6821, 32.2356, 32.4507



8.6738, 8.5762, 9.7804



14.5534, 7.3389, 8.0742



0.4872, 0.2426, 0.4084

Previews

White Background



This preview shows how the XYZ color 33.9910, 39.8269, 39.6141 looks on a white background.

Color Contrast Check

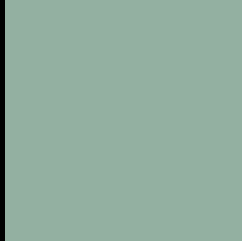
Large Text (above 18pt) WCAG AA × Fail

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 33.9910, 39.8269, 39.6141 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

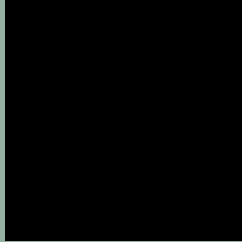
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 33.9910, 39.8269, 39.6141

Background



This preview shows how black text looks on a background with the XYZ color 33.9910, 39.8269, 39.6141.



This preview shows how white text looks on a background with the XYZ color 33.9910, 39.8269,

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

33.9910, 39.8269, 39.6141

Protanopia

37.7676, 39.5535, 37.5423

Deuteranopia

40.2915, 39.4395, 40.6110



Tritanopia

36.3779, 39.6295, 52.1863

Trichromacy



Original Color

33.9910, 39.8269, 39.6141

Protanomaly

36.2515, 39.5938, 38.0795

Deuteranomaly

37.6267, 39.4203, 40.2761

Tritanomaly

35.4571, 39.5455, 47.3592

Monochromacy



Original Color

33.9910, 39.8269, 39.6141

Achromatopsia

36.2450, 38.1326, 41.5264

Achromatomaly

35.3736, 38.8007, 40.7469

CSS Examples

Text

The CSS property to change the color of the text to XYZ 33.9910, 39.8269, 39.6141 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(147, 176, 161)` looks like.

```
.text, #text, p{  
    color:rgb(147, 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(147, 176, 161) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(147, 176, 161) }
```

Border

The CSS property to change the border of an element to XYZ 33.9910, 39.8269, 39.6141 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(147, 176, 161) }
```


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

```
.border{ border-color:rgb(147, 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(147, 176, 161)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(147, 176, 161); -webkit-box-  
shadow:4px 4px 4px 4px rgb(147, 176, 161);  
box-shadow:4px 4px 4px 4px rgb(147, 176,  
161) }
```

Background

The CSS property to change the background color of an element to XYZ 33.9910, 39.8269, 39.6141 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(147, 176, 161) }
```

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

```
.background{ background-color: rgb(147,  
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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