

Converting Colors

XYZ(33.9553, 39.0893, 39.8129)

Have a look what the booklet for
XYZ(33.9553, 39.0893, 39.8129)
contains.

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Color

**XYZ(34.0521, 39.2703,
39.9676)**

Conversions

Conversions Part 1

Format	Color
Hex	95AEA2
RGB	149, 174, 162
RGB Percent	58%, 68%, 64%
CMY	0.4157, 0.3176, 0.3647
CMYK	0.14, 0.00, 0.07, 0.32
HSL	151°, 13%, 63%
HSV	151°, 14%, 68%
XYZ	34.0521, 39.2703, 39.9676
YIQ	165.1570, -11.0480, -9.0320

Conversions

Conversions Part 2

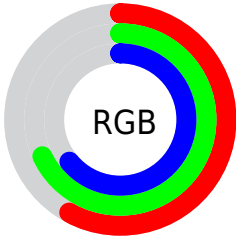
Format	Color
R _Y B	149, 165, 174
Decimal	9809570
CIE Lab	68.95, -11.03, 3.26
CIE LCh	69, 11.503, 163.543
Yxy	39.2703, 0.3006, 0.3466
Android (android.graphics.Color)	4287999650 (0xFF95AEA2)
YUV	165.1570, -1.5564, -14.1697
Hunter-Lab	62.6660, -12.6704, 6.0518

Details

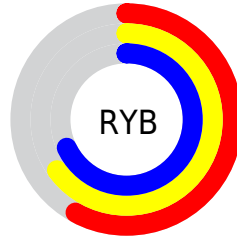
The XYZ color **34.0521, 39.2703, 39.9676** is a light color, and the websafe version is hex **999999**. A complement of this color would be **34.6375, 33.0679, 38.2772**, and the grayscale version is **35.8514, 37.7185, 41.0755**.

A 20% lighter version of the original color is **65.4498, 74.2999, 76.5374**, and **14.8110, 17.6415, 17.3764** is the 20% darker color. If you saturate the color by 10%, you get **30.3937, 37.4684, 36.0486**, and if you desaturate by 10%, it is **38.2364, 41.3398, 44.1704**.

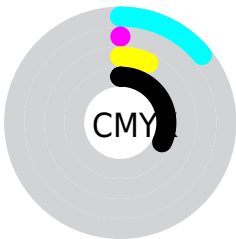
Distribution



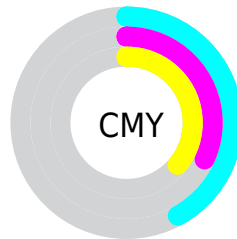
- Red (58%)
- Green (68%)
- Blue (64%)



- Red (58%)
- Yellow (65%)
- Blue (68%)



- Cyan (14%)
- Magenta (0%)
- Yellow (7%)
- Black (32%)



- Cyan (42%)
- Magenta (32%)
- Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 34.0521, 39.2703, 39.9676 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 34.0521, 39.2703, 39.9676 by changing the saturation by 10% instead.

■ 34.0521, 39.2703,
39.9676

■ 34.0521, 39.2703,
39.9676

311.9461,
343.0383, 361.5350

■ 23.0967, 26.9701,
27.1997

■ 65.3584, 74.0511,
76.3507

■ 14.7860, 17.5507,
17.4895

■ 86.4401, 97.3004,
100.8030

■ 8.7547, 10.6279,
10.4185

111.6279,
124.9682, 129.9872

■ 4.6373, 5.8172,
5.5681

141.2871,
157.4389, 164.3218

■ 2.0686, 2.7343,
2.5198

175.7832,
195.0968, 204.2253

■ 0.6721, 0.9946,
0.8506

215.4815,

■ 0.0000, 0.0000,

238.3265, 250.1163

0.0000

260.7474,
287.5122, 302.4134

■ 34.0521, 39.2703,
39.9676

■ 34.0521, 39.2703,
39.9676

■ 30.3937, 37.4684,
36.0486

■ 38.2364, 41.3398,
44.1704

■ 27.2360, 35.9179,
32.4048

■ 42.9638, 43.6824,
48.6601

■ 24.5565, 34.6085,
29.0309

■ 48.2549, 46.3096,
53.4432

■ 22.3298, 33.5271,
25.9203

■ 54.1281, 49.2310,
58.5252

■ 20.5278, 32.6595,
23.0663

■ 60.6012, 52.4555,
63.9113

■ 19.1195, 31.9896,
20.4618

■ 67.6908, 55.9916,
69.6068

■ 18.0689, 31.4992,
18.0993

■ 69.3579, 56.7260,
75.3331

■ 17.3330, 31.1662,
15.9706

■ 70.4954, 57.1810,
81.3235

■ 17.0024, 31.0198,
14.8698

■ 71.6891, 57.6585,
87.6094

Harmonies

Analogous

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



34.9538, 39.2703, 35.8637



34.0521, 39.2703, 39.9676



34.0086, 39.2703, 45.1617

Triad

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



34.0521, 39.2703, 39.9676



38.1551, 39.2703, 53.3204



39.9337, 39.2703, 36.1868

Complementary

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



34.0521, 39.2703, 39.9676



34.6375, 33.0679, 38.2772

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.



40.8508, 39.2703, 40.4424



34.0521, 39.2703, 39.9676



39.8016, 39.2703, 50.4852

Square

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



34.0521, 39.2703, 39.9676



36.3375, 39.2703, 53.1670



40.8017, 39.2703, 45.6768



38.3307, 39.2703, 33.8060

Rectangle

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



34.0521, 39.2703, 39.9676



34.4693, 39.2703, 48.5709



40.8017, 39.2703, 45.6768



40.3347, 39.2703, 37.4297

Sweetspot

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



34.0532, 39.2720, 39.9685



69.5949, 75.1023, 80.3521



35.2770, 40.0295, 34.3016



15.3349, 16.6263, 17.7289



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.



34.0532, 39.2720, 39.9685



59.7233, 70.2242, 70.3583



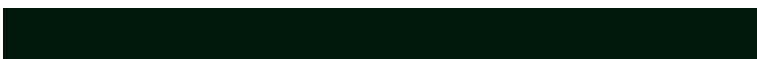
35.0915, 39.5586, 45.8324



8.0718, 9.0063, 9.4033



12.3615, 22.5099, 10.9435



0.3714, 0.6372, 0.4491

Inverse Universe

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



34.6375, 33.0679, 38.2772



60.9738, 56.9465, 66.7390



33.6951, 32.7966, 32.9889



8.1594, 8.0770, 9.1500



13.8377, 6.9976, 6.7907



0.4127, 0.2058, 0.3351

Previews

White Background



This preview shows how the XYZ color 34.0521, 39.2703, 39.9676 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 34.0521, 39.2703, 39.9676 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

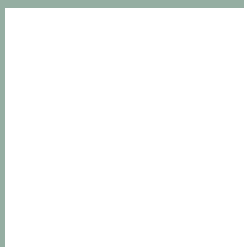
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 34.0521, 39.2703, 39.9676

Background



This preview shows how black text looks on a background with the XYZ color 34.0521, 39.2703, 39.9676.



This preview shows how white text looks on a background with the XYZ color 34.0521, 39.2703,

39.9676.

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

34.0521, 39.2703, 39.9676

Protanopia

37.2239, 38.9903, 37.9117

Deuteranopia

39.6288, 38.8353, 40.5293



Tritanopia

36.3515, 39.3588, 51.0285

Trichromacy



Original Color

34.0521, 39.2703, 39.9676

Protanomaly

35.9426, 39.1452, 38.4623

Deuteranomaly

37.2603, 38.6874, 40.1539

Tritanomaly

35.5379, 39.3150, 46.7898

Monochromacy



Original Color

34.0521, 39.2703, 39.9676

Achromatopsia

35.7637, 37.6262, 40.9749

Achromatomaly

35.0015, 38.0565, 40.6228

CSS Examples

Text

The CSS property to change the color of the text to XYZ 34.0521, 39.2703, 39.9676 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(149, 174, 162) looks like.

```
.text, #text, p{  
    color:rgb(149, 174, 162)  
}
```

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(149, 174, 162) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(149, 174, 162) }
```

Border

The CSS property to change the border of an element to XYZ 34.0521, 39.2703, 39.9676 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(149, 174, 162) }
```


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

```
.border{ border-color:rgb(149, 174, 162) }
```

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

Here you see how a box with a 4 pixel rgb(149, 174, 162) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(149, 174, 162); -webkit-box-  
shadow:4px 4px 4px 4px rgb(149, 174, 162);  
box-shadow:4px 4px 4px 4px rgb(149, 174,  
162) }
```

Background

The CSS property to change the background color of an element to XYZ 34.0521, 39.2703, 39.9676 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(149, 174, 162) }
```

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

```
.background{ background-color: rgb(149,  
174, 162) }
```

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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