

Converting Colors

XYZ(34.9975, 40.0890, 30.5155)

Have a look what the booklet for
XYZ(34.9975, 40.0890, 30.5155)
contains.

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Color

**XYZ(34.9739, 39.9521,
30.6791)**

Conversions

Conversions Part 1

Format	Color
Hex	A3AE8C
RGB	163, 174, 140
RGB Percent	64%, 68%, 55%
CMY	0.3608, 0.3176, 0.4510
CMYK	0.06, 0.00, 0.20, 0.32
HSL	79°, 17%, 62%
HSV	79°, 20%, 68%
XYZ	34.9739, 39.9521, 30.6791
YIQ	166.8350, 4.3580, -12.9060

Conversions

Conversions Part 2

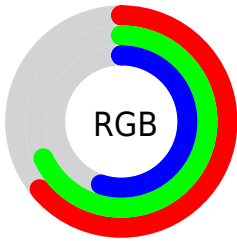
Format	Color
RYB	140, 174, 151
Decimal	10727052
CIELab	69.44, -9.96, 16.19
CIELCh	69, 19.006, 121.613
Yxy	39.9521, 0.3312, 0.3783
Android (android.graphics.Color)	4288917132 (0xFFA3AE8C)
YUV	166.8350, -13.2297, -3.3633
Hunter-Lab	63.2077, -11.8463, 15.4678

Details

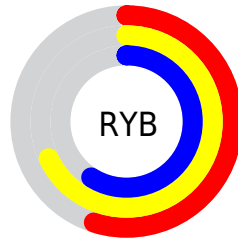
The XYZ color **34.9739, 39.9521, 30.6791** is a light color, and the websafe version is hex **999966**. A complement of this color would be **29.7822, 28.3926, 43.9572**, and the grayscale version is **36.7120, 38.6239, 42.0614**.

A 20% lighter version of the original color is **66.6704, 74.8391, 61.9704**, and **15.3605, 18.0368, 12.3447** is the 20% darker color. If you saturate the color by 10%, you get **32.6639, 38.8992, 24.3949**, and if you desaturate by 10%, it is **37.5403, 41.1162, 38.0361**.

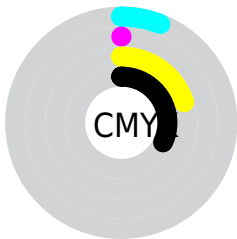
Distribution



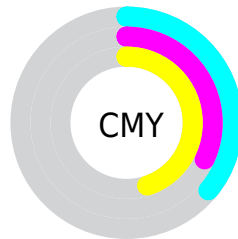
- Red (64%)
- Green (68%)
- Blue (55%)



- Red (55%)
- Yellow (68%)
- Blue (59%)



- Cyan (6%)
- Magenta (0%)
- Yellow (20%)
- Black (32%)



- Cyan (36%)
- Magenta (32%)
- Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 34.9739, 39.9521, 30.6791 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 34.9739, 39.9521, 30.6791 by changing the saturation by 10% instead.

■ 34.9739, 39.9521,
30.6791

■ 34.9739, 39.9521,
30.6791

315.9631,
345.9216, 319.3625

■ 23.8092, 27.5012,
20.0982

■ 66.7796, 75.0906,
61.8081

■ 15.3161, 17.9500,
12.2817

■ 88.1513, 98.5469,
83.1934

■ 9.1293, 10.9141,
6.8109

■ 113.6561,
126.4406, 109.0171

■ 4.8834, 6.0091,
3.2675

143.6593,
159.1559, 139.6979

■ 2.2131, 2.8506,
1.2328

178.5262,
197.0772, 175.6543

■ 0.7496, 1.0542,
0.0057

218.6223,

■ 0.0000, 0.0000,

240.5890, 217.3048

0.0000

264.3128,
290.0757, 265.0680

■ 34.9739, 39.9521,
30.6791

■ 34.9739, 39.9521,
30.6791

■ 32.6639, 38.8992,
24.3949

■ 37.5403, 41.1162,
38.0361

■ 30.5970, 37.9480,
19.1308

■ 40.3695, 42.3900,
46.5101

■ 28.7632, 37.0959,
14.8334

■ 43.4714, 43.7791,
56.1460

■ 27.1507, 36.3379,
11.4436

■ 46.8548, 45.2868,
66.9856

■ 25.7462, 35.6689,
8.8959

■ 50.5276, 46.9166,
79.0683

■ 24.5350, 35.0826,
7.1156

■ 54.4977, 48.6716,
92.4321

■ 23.4997, 34.5722,
6.0153

■ 57.6573, 50.1087,
101.2408

■ 22.6059, 34.1237,
5.4180

■ 59.2131, 50.9108,
101.3136

■ 22.5665, 34.1039,
5.3933

■ 60.8252, 51.7419,
101.3891

Harmonies

Analogous

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



37.8080, 39.9521, 28.7466



34.9739, 39.9521, 30.6791



33.0319, 39.9521, 35.9766

Triad

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



34.9739, 39.9521, 30.6791



35.2460, 39.9521, 60.0603



44.1590, 39.9521, 43.0287

Complementary

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



34.9739, 39.9521, 30.6791



29.7822, 28.3926, 43.9572

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.



43.3843, 39.9521, 52.0076



34.9739, 39.9521, 30.6791



38.1391, 39.9521, 62.5974

Square

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



34.9739, 39.9521, 30.6791



33.1830, 39.9521, 52.9381



41.1394, 39.9521, 59.4744



43.2037, 39.9521, 35.2580

Rectangle

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



34.9739, 39.9521, 30.6791



32.4485, 39.9521, 41.0910



41.1394, 39.9521, 59.4744



44.0921, 39.9521, 46.0035

Sweetspot

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



34.9750, 39.9538, 30.6800



69.7989, 75.3474, 74.0373



33.2197, 32.9516, 29.4209



15.4425, 16.7148, 16.2445



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.



34.9750, 39.9538, 30.6800



61.7636, 71.7063, 51.0150



31.7665, 38.2999, 30.5298



8.4069, 9.1983, 8.5457



16.4308, 24.7675, 3.9146



0.5110, 0.7168, 0.1114

Inverse Universe

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



29.7822, 28.3926, 43.9572



50.7880, 47.2666, 79.0834



33.1183, 30.1124, 44.1134



7.8139, 7.8784, 10.0615



6.7930, 2.8618, 29.2389



0.2471, 0.1096, 0.8161

Previews

White Background



This preview shows how the XYZ color 34.9739, 39.9521, 30.6791 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 34.9739, 39.9521, 30.6791 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 34.9739, 39.9521, 30.6791

Background



This preview shows how black text looks on a background with the XYZ color 34.9739, 39.9521, 30.6791.



This preview shows how white text looks on a background with the XYZ color 34.9739, 39.9521,

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

34.9739, 39.9521, 30.6791

Protanopia

37.3658, 39.7946, 29.7565

Deuteranopia

40.4854, 39.7495, 31.1298



Tritanopia

38.8083, 39.8177, 49.8961

Trichromacy



Original Color

34.9739, 39.9521, 30.6791

Protanomaly

36.4567, 39.8741, 30.2011

Deuteranomaly

38.1549, 39.6278, 30.8373

Tritanomaly

37.2861, 39.7550, 42.2675

Monochromacy



Original Color

34.9739, 39.9521, 30.6791

Achromatopsia

36.7301, 38.6429, 42.0822

Achromatomaly

36.1864, 39.2908, 37.5749

CSS Examples

Text

The CSS property to change the color of the text to XYZ 34.9739, 39.9521, 30.6791 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(163, 174, 140)` looks like.

```
.text, #text, p{  
    color:rgb(163, 174, 140)  
}
```

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(163, 174, 140) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(163, 174, 140) }
```

Border

The CSS property to change the border of an element to XYZ 34.9739, 39.9521, 30.6791 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(163, 174, 140) }
```


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

```
.border{ border-color:rgb(163, 174, 140) }
```

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

Here you see how a box with a 4 pixel `rgb(163, 174, 140)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(163, 174, 140); -webkit-box-  
shadow:4px 4px 4px 4px rgb(163, 174, 140);  
box-shadow:4px 4px 4px 4px rgb(163, 174,  
140) }
```

Background

The CSS property to change the background color of an element to XYZ 34.9739, 39.9521, 30.6791 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(163, 174, 140) }
```

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

```
.background{ background-color: rgb(163,  
174, 140) }
```

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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