

Converting Colors

XYZ(34.6572, 40.7494, 39.3593)

Have a look what the booklet for
XYZ(34.6572, 40.7494, 39.3593)
contains.

XYZ(34.6600, 40.7684, 39.3000)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(34.6600, 40.7684,
39.3000)**

Conversions

Conversions Part 1

Format	Color
Hex	95B2A0
RGB	149, 178, 160
RGB Percent	58%, 70%, 63%
CMY	0.4157, 0.3019, 0.3725
CMYK	0.16, 0.00, 0.10, 0.30
HSL	143°, 16%, 64%
HSV	143°, 16%, 70%
XYZ	34.6600, 40.7684, 39.3000
YIQ	167.2770, -11.5060, -11.7460

Conversions

Conversions Part 2

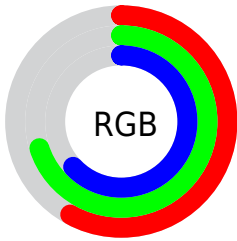
Format	Color
RYB	149, 170, 178
Decimal	9810592
CIELab	70.01, -13.53, 5.90
CIElCh	70, 14.760, 156.439
Yxy	40.7684, 0.3021, 0.3553
Android (android.graphics.Color)	4288000672 (0xFF95B2A0)
YUV	167.2770, -3.5876, -16.0289
Hunter-Lab	63.8501, -14.8419, 8.2019

Details

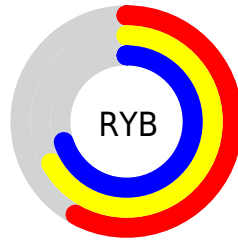
The XYZ color **34.6600, 40.7684, 39.3000** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **36.0841, 33.7510, 41.1739**, and the grayscale version is **36.8875, 38.8085, 42.2625**.

A 20% lighter version of the original color is **66.3172, 76.4484, 75.5507**, and **15.1309, 18.3680, 17.2159** is the 20% darker color. If you saturate the color by 10%, you get **30.7334, 38.8521, 34.2931**, and if you desaturate by 10%, it is **39.1712, 42.9784, 44.7844**.

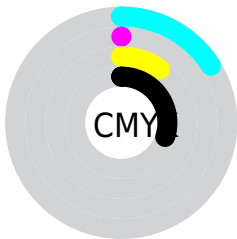
Distribution



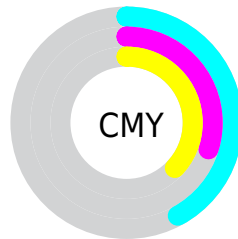
- Red (58%)
- Green (70%)
- Blue (63%)



- Red (58%)
- Yellow (67%)
- Blue (70%)



- Cyan (16%)
- Magenta (0%)
- Yellow (10%)
- Black (30%)





- Cyan (42%)
- Magenta (30%)
- Yellow (37%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 34.6600, 40.7684, 39.3000 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 34.6600, 40.7684, 39.3000 by changing the saturation by 10% instead.


 34.6600, 40.7684,
39.3000


 34.6600, 40.7684,
39.3000


314.5994,
349.3517, 358.6283

 23.5664, 28.1382,
26.6836


 66.2962, 76.3322,
75.3218

 15.1353, 18.4298,
17.1054


 87.5695, 100.0345,
99.5642

 9.0013, 11.2590,
10.1469


112.9668,
128.1964, 128.5190

 4.7991, 6.2413,
5.3896

142.8533,
161.2021, 162.6048

 2.1634, 2.9924,
2.4149

177.5945,
199.4361, 202.2401

 0.7234, 1.1278,
0.7945

217.5556,

 0.0000, 0.0015,

243.2828, 247.8434

0.0000

263.1022,
293.1265, 299.8333

■ 0.0000, 0.0000,
0.0000

■ 34.6600, 40.7684,
39.3000

■ 34.6600, 40.7684,
39.3000

■ 30.7334, 38.8521,
34.2931

■ 39.1712, 42.9784,
44.7844

■ 27.3633, 37.2118,
29.7484

■ 44.2867, 45.4887,
50.7560

■ 24.5243, 35.8360,
25.6533

■ 50.0296, 48.3120,
57.2274

■ 22.1877, 34.7100,
21.9938

■ 56.4207, 51.4588,
64.2101

■ 20.3219, 33.8179,
18.7553

■ 63.4797, 54.9390,
71.7151

■ 18.8914, 33.1417,
15.9221

■ 70.9293, 58.6096,
79.7392

■ 17.8555, 32.6607,
13.4775

■ 72.4977, 59.2369,
87.9984

■ 17.1607, 32.3477,
11.4034

■ 74.1657, 59.9041,
96.7818

■ 16.9497, 32.2537,
10.7234

■ 75.2112, 60.3223,
102.2871

Harmonies

Analogous

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



36.0648, 40.7684, 34.5583



34.6600, 40.7684, 39.3000



34.3300, 40.7684, 45.8929

Triad

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



34.6600, 40.7684, 39.3000



39.2705, 40.7684, 58.9055



42.5927, 40.7684, 36.9737

Complementary

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



34.6600, 40.7684, 39.3000



36.0841, 33.7510, 41.1739

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.



43.5321, 40.7684, 42.9200



34.6600, 40.7684, 39.3000



41.5635, 40.7684, 55.9289

Square

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



34.6600, 40.7684, 39.3000



36.9286, 40.7684, 57.6808



43.1479, 40.7684, 49.9012



40.6286, 40.7684, 33.3156

Rectangle

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



34.6600, 40.7684, 39.3000



34.7513, 40.7684, 50.5565



43.1479, 40.7684, 49.9012



43.0424, 40.7684, 38.7463

Sweetspot

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



34.6611, 40.7701, 39.3009



72.0914, 78.4549, 82.4692



37.3606, 42.2681, 34.6238



15.8361, 17.3151, 18.1100



86.6293, 91.1408, 99.2523



17.0014, 17.8868, 19.4787

Same Dimension

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



34.6611, 40.7701, 39.3009



59.8414, 72.4588, 67.4833



35.9692, 41.2933, 46.1890



8.5179, 9.5417, 9.7209



12.1557, 23.0883, 7.8227



0.4114, 0.7380, 0.3985

Inverse Universe

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



36.0841, 33.7510, 41.1739



62.9730, 57.0084, 71.6033



34.8476, 33.2563, 34.6625



8.7107, 8.5910, 9.9747



15.2011, 7.5980, 11.4849



0.5056, 0.2500, 0.5051

Previews

White Background



This preview shows how the XYZ color 34.6600, 40.7684, 39.3000 looks on a white background.

Color Contrast Check

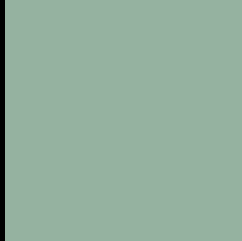
Large Text (above 18pt) WCAG AA × Fail

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 34.6600, 40.7684, 39.3000 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

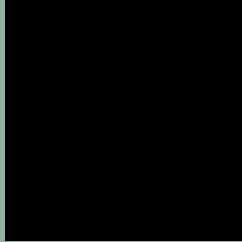
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 34.6600, 40.7684, 39.3000

Background



This preview shows how black text looks on a background with the XYZ color 34.6600, 40.7684, 39.3000.



This preview shows how white text looks on a background with the XYZ color 34.6600, 40.7684,

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

34.6600, 40.7684, 39.3000

Protanopia

38.5069, 40.4969, 37.2396

Deuteranopia

41.3012, 40.5018, 40.2911



Tritanopia

37.5396, 40.7730, 53.4684

Trichromacy



Original Color

34.6600, 40.7684, 39.3000

Protanomaly

36.9657, 40.5370, 37.7744

Deuteranomaly

38.5755, 40.4720, 39.9612

Tritanomaly

36.3147, 40.5497, 48.0324

Monochromacy



Original Color

34.6600, 40.7684, 39.3000

Achromatopsia

36.7301, 38.6429, 42.0822

Achromatomaly

35.7610, 39.2797, 40.8189

CSS Examples

Text

The CSS property to change the color of the text to XYZ 34.6600, 40.7684, 39.3000 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, 178, 160)` looks like.

```
.text, #text, p{  
    color:rgb(149, 178, 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(149, 178, 160) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(149, 178, 160) }
```

Border

The CSS property to change the border of an element to XYZ 34.6600, 40.7684, 39.3000 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, 178, 160) }
```


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

```
.border{ border-color:rgb(149, 178, 160) }
```

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

Here you see how a box with a 4 pixel rgb(149, 178, 160) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(149, 178, 160); -webkit-box-  
shadow:4px 4px 4px 4px rgb(149, 178, 160);  
box-shadow:4px 4px 4px 4px rgb(149, 178,  
160) }
```

Background

The CSS property to change the background color of an element to XYZ 34.6600, 40.7684, 39.3000 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(149, 178, 160) }
```

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

```
.background{ background-color: rgb(149,  
178, 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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor