

Converting Colors

XYZ(34.6951, 40.2149, 41.2347)

Have a look what the booklet for
XYZ(34.6951, 40.2149, 41.2347)
contains.

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Color

**XYZ(34.6206, 40.1206,
41.0413)**

Conversions

Conversions Part 1

Format	Color
Hex	95B0A4
RGB	149, 176, 164
RGB Percent	58%, 69%, 64%
CMY	0.4157, 0.3098, 0.3569
CMYK	0.15, 0.00, 0.07, 0.31
HSL	153°, 15%, 64%
HSV	153°, 15%, 69%
XYZ	34.6206, 40.1206, 41.0413
YIQ	166.5590, -12.2400, -9.4560

Conversions

Conversions Part 2

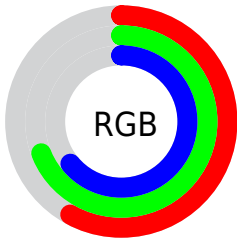
Format	Color
RYB	149, 166, 176
Decimal	9810084
CIELab	69.56, -11.69, 3.04
CIElCh	70, 12.078, 165.436
Yxy	40.1206, 0.2990, 0.3465
Android (android.graphics.Color)	4288000164 (0xFF95B0A4)
YUV	166.5590, -1.2616, -15.3992
Hunter-Lab	63.3408, -13.2826, 5.9220

Details

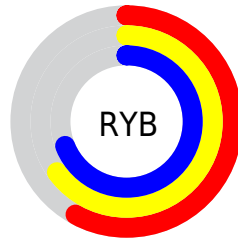
The XYZ color **34.6206, 40.1206, 41.0413** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **35.0864, 33.2992, 38.2982**, and the grayscale version is **36.5273, 38.4296, 41.8498**.

A 20% lighter version of the original color is **66.2714, 75.5242, 78.1026**, and **15.0446, 17.9324, 17.9976** is the 20% darker color. If you saturate the color by 10%, you get **30.9642, 38.3159, 37.2953**, and if you desaturate by 10%, it is **38.8080, 42.1962, 45.0408**.

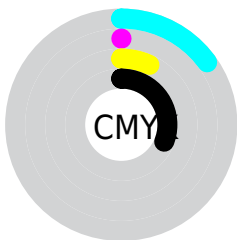
Distribution



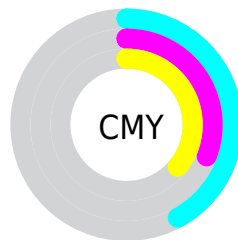
- Red (58%)
- Green (69%)
- Blue (64%)



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



- Cyan (15%)
- Magenta (0%)
- Yellow (7%)
- Black (31%)



- Cyan (42%)
- Magenta (31%)
- Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 34.6206, 40.1206, 41.0413 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 34.6206, 40.1206, 41.0413 by changing the saturation by 10% instead.

■ 34.6206, 40.1206,
41.0413

■ 34.6206, 40.1206,
41.0413

314.4279,
346.6316, 366.1749

■ 23.5359, 27.6326,
28.0314

■ 66.2355, 75.3471,
78.0009

■ 15.1126, 18.0489,
18.1101

■ 87.4964, 98.8544,
102.7878

■ 8.9853, 10.9851,
10.8588

112.8801,
126.8036, 132.3373

■ 4.7886, 6.0568,
5.8590

142.7520,
159.5791, 167.0682

■ 2.1572, 2.8797,
2.6921

177.4773,
197.5652, 207.3988

■ 0.7201, 1.0692,
0.9395

217.4215,

■ 0.0000, 0.0000,

241.1464, 253.7478

0.0000

262.9500,
290.7071, 306.5336

■ 34.6206, 40.1206,
41.0413

■ 34.6206, 40.1206,
41.0413

■ 30.9642, 38.3159,
37.2953

■ 38.8080, 42.1962,
45.0408

■ 27.8130, 36.7656,
33.7949

■ 43.5441, 44.5485,
49.2959

■ 25.1440, 35.4590,
30.5359

■ 48.8500, 47.1893,
53.8125

■ 22.9308, 34.3828,
27.5126

■ 54.7446, 50.1283,
58.5950

■ 21.1448, 33.5220,
24.7193

■ 61.2458, 53.3747,
63.6481

■ 19.7537, 32.8603,
22.1500

■ 68.3710, 56.9373,
68.9760

■ 18.7201, 32.3784,
19.7982

■ 69.5213, 57.4143,
74.2735

■ 17.9981, 32.0529,
17.6569

■ 70.5744, 57.8356,
79.8190

■ 17.7199, 31.9297,
16.7277

■ 71.6766, 58.2764,
85.6229

Harmonies

Analogous

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



35.5256, 40.1206, 36.5789



34.6206, 40.1206, 41.0413



34.6344, 40.1206, 46.6035

Triad

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



34.6206, 40.1206, 41.0413



39.1395, 40.1206, 54.8664



40.8236, 40.1206, 36.4763

Complementary

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



34.6206, 40.1206, 41.0413



35.0864, 33.2992, 38.2982

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.



41.8605, 40.1206, 40.8901



34.6206, 40.1206, 41.0413



40.8658, 40.1206, 51.6555

Square

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



34.6206, 40.1206, 41.0413



37.1990, 40.1206, 54.9156



41.8762, 40.1206, 46.4388



39.0834, 40.1206, 34.0997

Rectangle

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



34.6206, 40.1206, 41.0413



35.1613, 40.1206, 50.2064



41.8762, 40.1206, 46.4388



41.2685, 40.1206, 37.7534

Sweetspot

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



34.6217, 40.1223, 41.0422



70.5876, 76.6285, 81.8757



35.6797, 40.8151, 34.4319



15.1776, 16.5472, 17.6328



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.



34.6217, 40.1223, 41.0422



60.7189, 71.7413, 72.3658



35.4942, 40.0498, 46.9360



8.5800, 9.5665, 10.0477



13.0306, 23.4382, 12.4298



0.4388, 0.7490, 0.5428

Inverse Universe

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



35.0864, 33.2992, 38.2982



61.7045, 57.2712, 66.5471



34.2928, 33.3255, 33.0593



8.6481, 8.5659, 9.6452



14.1805, 7.1898, 6.1105



0.4757, 0.2380, 0.3477

Previews

White Background



This preview shows how the XYZ color 34.6206, 40.1206, 41.0413 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 34.6206, 40.1206, 41.0413 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

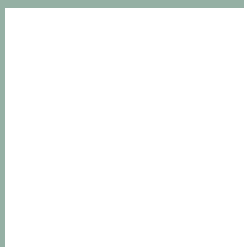
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 34.6206, 40.1206, 41.0413

Background



This preview shows how black text looks on a background with the XYZ color 34.6206, 40.1206, 41.0413.

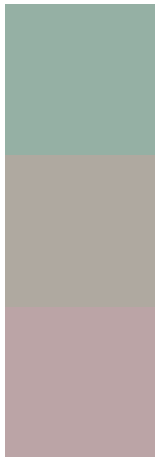


This preview shows how white text looks on a background with the XYZ color 34.6206, 40.1206,

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

34.6206, 40.1206, 41.0413

Protanopia

38.2123, 40.0280, 38.9699

Deuteranopia

40.6519, 39.8689, 41.6293



Tritanopia

36.9434, 40.2046, 52.2675

Trichromacy



Original Color

34.6206, 40.1206, 41.0413

Protanomaly

36.9114, 40.1852, 39.5293

Deuteranomaly

38.0277, 39.6061, 41.2378

Tritanomaly

36.1208, 40.1619, 47.9677

Monochromacy



Original Color

34.6206, 40.1206, 41.0413

Achromatopsia

36.7301, 38.6429, 42.0822

Achromatomaly

35.7549, 38.9762, 41.7151

CSS Examples

Text

The CSS property to change the color of the text to XYZ 34.6206, 40.1206, 41.0413 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, 176, 164) looks like.

```
.text, #text, p{  
    color:rgb(149, 176, 164)  
}
```

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, 176, 164) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(149, 176, 164) }
```

Border

The CSS property to change the border of an element to XYZ 34.6206, 40.1206, 41.0413 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, 176, 164) }
```


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

```
.border{ border-color:rgb(149, 176, 164) }
```

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

Here you see how a box with a 4 pixel `rgb(149, 176, 164)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(149, 176, 164); -webkit-box-  
shadow:4px 4px 4px 4px rgb(149, 176, 164);  
box-shadow:4px 4px 4px 4px rgb(149, 176,  
164) }
```

Background

The CSS property to change the background color of an element to XYZ 34.6206, 40.1206, 41.0413 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(149, 176, 164) }
```

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

```
.background{ background-color: rgb(149,  
176, 164) }
```

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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