

Converting Colors

XYZ(39.6894, 47.8868, 34.7694)

Have a look what the booklet for
XYZ(39.6894, 47.8868, 34.7694)
contains.

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Color

**XYZ(39.6331, 47.8052,
34.7422)**

Conversions

Conversions Part 1

Format	Color
Hex	A5C093
RGB	165, 192, 147
RGB Percent	65%, 75%, 58%
CMY	0.3529, 0.2470, 0.4235
CMYK	0.14, 0.00, 0.23, 0.25
HSL	96°, 26%, 66%
HSV	96°, 23%, 75%
XYZ	39.6331, 47.8052, 34.7422
YIQ	178.7970, -1.6470, -19.7190

Conversions

Conversions Part 2

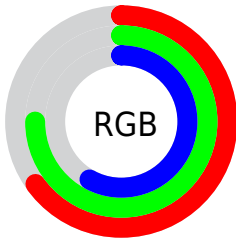
Format	Color
RYB	147, 192, 174
Decimal	10862739
CIELab	74.70, -17.41, 19.72
CIELCh	75, 26.303, 131.448
Yxy	47.8052, 0.3244, 0.3913
Android (android.graphics.Color)	4289052819 (0xFFA5C093)
YUV	178.7970, -15.6759, -12.1000
Hunter-Lab	69.1413, -18.6777, 18.6068

Details

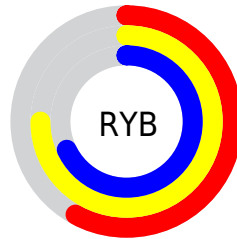
The XYZ color **39.6331, 47.8052, 34.7422** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **37.4058, 33.6733, 54.3999**, and the grayscale version is **42.8221, 45.0522, 49.0619**.

A 20% lighter version of the original color is **73.6252, 86.5675, 68.0871**, and **18.0099, 22.5322, 14.4663** is the 20% darker color. If you saturate the color by 10%, you get **35.9613, 46.0736, 27.3513**, and if you desaturate by 10%, it is **43.7748, 49.7529, 43.4698**.

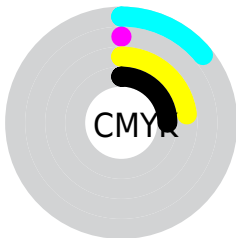
Distribution



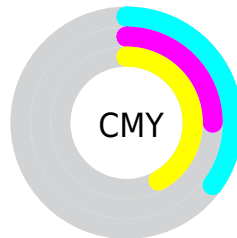
- Red (65%)
- Green (75%)
- Blue (58%)



- Red (58%)
- Yellow (75%)
- Blue (68%)



- Cyan (14%)
- Magenta (0%)
- Yellow (23%)
- Black (25%)





- Cyan (35%)
- Magenta (25%)
- Yellow (42%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 39.6331, 47.8052, 34.7422 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 39.6331, 47.8052, 34.7422 by changing the saturation by 10% instead.


 39.6331, 47.8052,
34.7422


 39.6331, 47.8052,
34.7422


335.7357,
378.0195, 338.2986

 27.4355, 33.6726,
23.1824


 73.8924, 86.9143,
68.2332

 18.0389, 22.6422,
14.5217

 96.6848, 112.6596,
91.0015

 11.0778, 14.3296,
8.3415


123.7396,
143.0447, 118.3431

 6.1868, 8.3502,
4.2233

155.4220,
178.4538, 150.6765

 3.0008, 4.3199,
1.7487

192.0975,
219.2715, 188.4201

 1.1542, 1.8541,
0.3938

234.1314,

 0.0697, 0.5205,

265.8821, 231.9927

0.0000

281.8890,
318.6699, 281.8127

■ 0.0000, 0.0000,
0.0000

■ 39.6331, 47.8052,
34.7422

■ 39.6331, 47.8052,
34.7422

■ 35.9613, 46.0736,
27.3513

■ 43.7748, 49.7529,
43.4698

■ 32.7376, 44.5439,
21.2280

■ 48.3998, 51.9179,
53.5923

■ 29.9437, 43.2097,
16.3017

■ 53.5254, 54.3093,
65.1684

■ 27.5585, 42.0619,
12.4938

■ 59.1670, 56.9340,
78.2523

■ 25.5590, 41.0905,
9.7161

■ 65.3393, 59.7982,
92.8956

■ 23.9191, 40.2843,
7.8672

■ 70.8744, 62.4354,
102.9235

■ 22.6084, 39.6304,
6.8252

■ 74.7839, 64.4508,
103.1064

■ 21.8944, 39.2704,
6.4260

■ 78.1406, 66.1813,
103.2635

Harmonies

Analogous

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



43.6414, 47.8052, 30.3196



39.6331, 47.8052, 34.7422



37.2857, 47.8052, 44.1342

Triad

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



39.6331, 47.8052, 34.7422



42.5815, 47.8052, 81.1336



55.0317, 47.8052, 47.0109

Complementary

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



39.6331, 47.8052, 34.7422



37.4058, 33.6733, 54.3999

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.



54.6982, 47.8052, 60.8637



39.6331, 47.8052, 34.7422



47.2820, 47.8052, 82.2713

Square

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



39.6331, 47.8052, 34.7422



38.9040, 47.8052, 71.4452



51.7824, 47.8052, 74.3254



52.6641, 47.8052, 36.5297

Rectangle

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



39.6331, 47.8052, 34.7422



36.8721, 47.8052, 52.7182



51.7824, 47.8052, 74.3254



55.2360, 47.8052, 51.3909

Sweetspot

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



39.6344, 47.8073, 34.7432



84.5108, 92.5794, 90.0628



42.1427, 43.5871, 33.7965



18.0203, 19.8099, 19.0797



92.9021, 97.7402, 106.4391



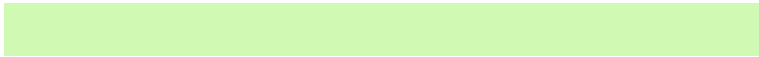
19.4759, 20.4902, 22.3138

Same Dimension

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



39.6344, 47.8073, 34.7432



68.3734, 84.9987, 55.9443



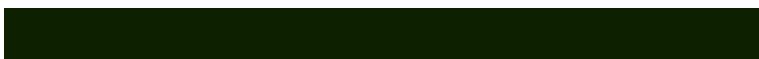
36.5103, 46.1552, 36.4769



10.3172, 11.4510, 10.7284



14.8145, 26.4660, 4.3276



0.7178, 1.1836, 0.1906

Inverse Universe

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



37.4058, 33.6733, 54.3999



63.6445, 55.0255, 97.6268



41.1971, 35.6845, 52.0137



10.0949, 10.0401, 12.6907



11.2681, 5.0694, 33.9412



0.5629, 0.2582, 1.4701

Previews

White Background



This preview shows how the XYZ color 39.6331, 47.8052, 34.7422 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 39.6331, 47.8052, 34.7422 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

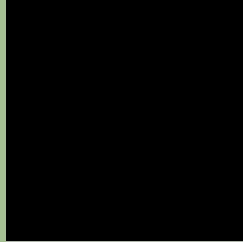
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 39.6331, 47.8052, 34.7422

Background



This preview shows how black text looks on a background with the XYZ color 39.6331, 47.8052, 34.7422.



This preview shows how white text looks on a background with the XYZ color 39.6331, 47.8052,

34.7422.

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

39.6331, 47.8052, 34.7422

Protanopia

44.6564, 47.5859, 32.8180

Deuteranopia

48.4709, 47.3988, 35.4484



Tritanopia

45.0079, 47.7523, 61.4885

Trichromacy



Original Color

39.6331, 47.8052, 34.7422

Protanomaly

42.6005, 47.4457, 33.2982

Deuteranomaly

44.9177, 47.3616, 35.2081

Tritanomaly

42.9013, 47.8487, 50.6906

Monochromacy



Original Color

39.6331, 47.8052, 34.7422

Achromatopsia

42.8472, 45.0786, 49.0906

Achromatomaly

41.5711, 46.0697, 43.2605

CSS Examples

Text

The CSS property to change the color of the text to XYZ 39.6331, 47.8052, 34.7422 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(165, 192, 147)` looks like.

```
.text, #text, p{  
    color:rgb(165, 192, 147)  
}
```

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(165, 192, 147) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(165, 192, 147) }
```

Border

The CSS property to change the border of an element to XYZ 39.6331, 47.8052, 34.7422 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(165, 192, 147) }
```


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

```
.border{ border-color:rgb(165, 192, 147) }
```

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

Here you see how a box with a 4 pixel `rgb(165, 192, 147)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(165, 192, 147); -webkit-box-  
shadow:4px 4px 4px 4px rgb(165, 192, 147);  
box-shadow:4px 4px 4px 4px rgb(165, 192,  
147) }
```

Background

The CSS property to change the background color of an element to XYZ 39.6331, 47.8052, 34.7422 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(165, 192, 147) }
```

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

```
.background{ background-color: rgb(165,  
192, 147) }
```

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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