

Converting Colors

XYZ(39.5992, 47.4182, 37.7937)

Have a look what the booklet for
XYZ(39.5992, 47.4182, 37.7937)
contains.

XYZ(39.5678, 47.3812, 37.6319)	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(39.5678, 47.3812,
37.6319)**

Conversions

Conversions Part 1

Format	Color
Hex	A3BF9A
RGB	163, 191, 154
RGB Percent	64%, 75%, 60%
CMY	0.3608, 0.2510, 0.3961
CMYK	0.15, 0.00, 0.19, 0.25
HSL	105°, 22%, 68%
HSV	105°, 19%, 75%
XYZ	39.5678, 47.3812, 37.6319
YIQ	178.4100, -4.8110, -17.4430

Conversions

Conversions Part 2

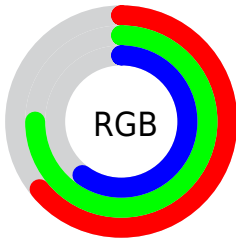
Format	Color
RYB	154, 191, 182
Decimal	10731418
CIELab	74.43, -16.46, 15.56
CIELCh	74, 22.651, 136.598
Yxy	47.3812, 0.3176, 0.3803
Android (android.graphics.Color)	4288921498 (0xFFA3BF9A)
YUV	178.4100, -12.0341, -13.5146
Hunter-Lab	68.8340, -17.8525, 15.7697

Details

The XYZ color **39.5678, 47.3812, 37.6319** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **40.2529, 36.8192, 54.2779**, and the grayscale version is **42.5988, 44.8173, 48.8060**.

A 20% lighter version of the original color is **73.5594, 85.9810, 72.3935**, and **18.0922, 22.5357, 16.2282** is the 20% darker color. If you saturate the color by 10%, you get **35.3097, 45.3569, 29.7790**, and if you desaturate by 10%, it is **44.4200, 49.6853, 46.8360**.

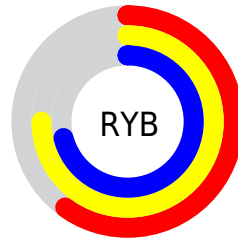
Distribution



Red (64%)

Green (75%)

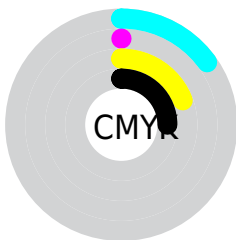
Blue (60%)



Red (60%)

Yellow (75%)

Blue (71%)

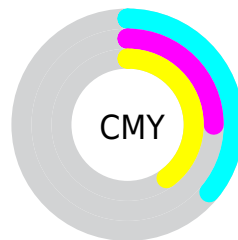


Cyan (15%)

Magenta (0%)

Yellow (19%)

Black (25%)



Cyan (36%)

Magenta (25%)

Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 39.5678, 47.3812, 37.6319 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 39.5678, 47.3812, 37.6319 by changing the saturation by 10% instead.

■ 39.5678, 47.3812,
37.6319

■ 39.5678, 47.3812,
37.6319

335.4643,
376.3341, 351.2890

■ 27.3844, 33.3371,
25.3975

■ 73.7935, 86.2824,
72.7407

■ 18.0002, 22.3848,
16.1517

■ 96.5665, 111.9082,
96.4523

■ 11.0498, 14.1399,
9.4761

123.6000,
142.1634, 124.8266

■ 6.1679, 8.2181,
4.9520

155.2596,
177.4324, 158.2822

■ 2.9891, 4.2348,
2.1609

191.9104,
218.0996, 197.2378

■ 1.1480, 1.8058,
0.6516

233.9179,

■ 0.0647, 0.4908,

264.5494, 242.1117

0.0000

281.6474,
317.1660, 293.3226

■ 0.0000, 0.0000,
0.0000

■ 39.5678, 47.3812,
37.6319

■ 39.5678, 47.3812,
37.6319

■ 35.3097, 45.3569,
29.7790

■ 44.4200, 49.6853,
46.8360

■ 31.6186, 43.5956,
23.2106

■ 49.8843, 52.2731,
57.4474

■ 28.4708, 42.0880,
17.8594

■ 55.9830, 55.1561,
69.5229

■ 25.8395, 40.8220,
13.6503

■ 62.7357, 58.3434,
83.1151

■ 23.6956, 39.7843,
10.5002

■ 70.1615, 61.8437,
98.2742

■ 22.0066, 38.9602,
8.3145

■ 76.0098, 64.7578,
103.1011

■ 20.7357, 38.3332,
6.9820

■ 77.9217, 65.7434,
103.1906

■ 19.8273, 37.8790,
6.3008

■ 19.7790, 37.8549,
6.2643

Harmonies

Analogous

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



42.8287, 47.3812, 32.9035



39.5678, 47.3812, 37.6319



37.8210, 47.3812, 46.5524

Triad

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



39.5678, 47.3812, 37.6319



43.2392, 47.3812, 76.6984



52.9848, 47.3812, 45.4301

Complementary

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



39.5678, 47.3812, 37.6319



40.2529, 36.8192, 54.2779

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.



53.1113, 47.3812, 56.9787



39.5678, 47.3812, 37.6319



47.3145, 47.3812, 76.2763

Square

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



39.5678, 47.3812, 37.6319



39.8526, 47.3812, 69.7109



50.9827, 47.3812, 68.6324



50.6470, 47.3812, 36.9177

Rectangle

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



39.5678, 47.3812, 37.6319



37.6771, 47.3812, 54.2171



50.9827, 47.3812, 68.6324



53.2920, 47.3812, 49.0493

Sweetspot

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



39.5691, 47.3832, 37.6329



82.6372, 90.4441, 89.8256



43.9973, 46.7651, 37.2802



18.0077, 19.7950, 19.4568



92.9021, 97.7402, 106.4391



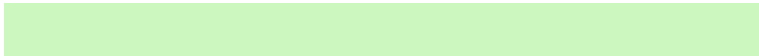
19.4759, 20.4902, 22.3138

Same Dimension

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



39.5691, 47.3832, 37.6329



67.6955, 83.3528, 61.4997



38.5920, 46.7870, 41.7658



9.6203, 10.7587, 10.1462



13.0600, 24.9086, 4.1195



0.5728, 1.0072, 0.1642

Inverse Universe

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



40.2529, 36.8192, 54.2779



69.1280, 61.1735, 96.4434



41.4608, 37.5559, 49.1864



9.6971, 9.5762, 12.0095



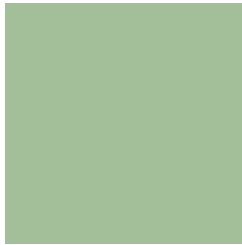
13.8772, 6.4401, 32.9045



0.5991, 0.2809, 1.2915

Previews

White Background



This preview shows how the XYZ color 39.5678, 47.3812, 37.6319 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 39.5678, 47.3812, 37.6319 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 39.5678, 47.3812, 37.6319

Background



This preview shows how black text looks on a background with the XYZ color 39.5678, 47.3812, 37.6319.



This preview shows how white text looks on a background with the XYZ color 39.5678, 47.3812,

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

39.5678, 47.3812, 37.6319

Protanopia

44.2253, 46.9954, 35.5943

Deuteranopia

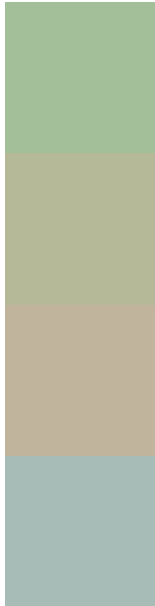
47.9056, 47.0403, 38.4531



Tritanopia

44.2353, 47.3675, 60.8442

Trichromacy



Original Color

39.5678, 47.3812, 37.6319

Protanomaly

42.2263, 46.8774, 36.1008

Deuteranomaly

44.2629, 46.6545, 38.1248

Tritanomaly

42.2539, 47.1750, 51.6784

Monochromacy



Original Color

39.5678, 47.3812, 37.6319

Achromatopsia

42.3164, 44.5201, 48.4824

Achromatomaly

41.3285, 45.6158, 44.1626

CSS Examples

Text

The CSS property to change the color of the text to XYZ 39.5678, 47.3812, 37.6319 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, 191, 154)` looks like.

```
.text, #text, p{  
    color:rgb(163, 191, 154)  
}
```

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, 191, 154) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(163, 191, 154) }
```

Border

The CSS property to change the border of an element to XYZ 39.5678, 47.3812, 37.6319 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, 191, 154) }
```


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

```
.border{ border-color:rgb(163, 191, 154) }
```

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

Here you see how a box with a 4 pixel `rgb(163, 191, 154)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(163, 191, 154); -webkit-box-  
shadow:4px 4px 4px 4px rgb(163, 191, 154);  
box-shadow:4px 4px 4px 4px rgb(163, 191,  
154) }
```

Background

The CSS property to change the background color of an element to XYZ 39.5678, 47.3812, 37.6319 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(163, 191, 154) }
```

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

```
.background{ background-color: rgb(163,  
191, 154) }
```

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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