

Converting Colors

XYZ(39.3467, 50.4804, 37.3926)

Have a look what the booklet for
XYZ(39.3467, 50.4804, 37.3926)
contains.

XYZ(39.5030, 50.7157, 37.4128)	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(39.5030, 50.7157,
37.4128)**

Conversions

Conversions Part 1

Format	Color
Hex	98C998
RGB	152, 201, 152
RGB Percent	60%, 79%, 60%
CMY	0.4039, 0.2117, 0.4039
CMYK	0.24, 0.00, 0.24, 0.21
HSL	120°, 31%, 69%
HSV	120°, 24%, 79%
XYZ	39.5030, 50.7157, 37.4128
YIQ	180.7630, -13.4750, -25.6270

Conversions

Conversions Part 2

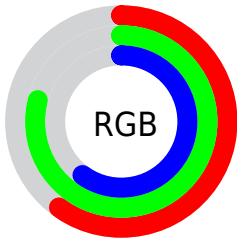
Format	Color
RYB	152, 201, 201
Decimal	10013080
CIELab	76.51, -25.60, 19.41
CIELCh	77, 32.126, 142.827
Yxy	50.7157, 0.3095, 0.3974
Android (android.graphics.Color)	4288203160 (0xFF98C998)
YUV	180.7630, -14.1802, -25.2252
Hunter-Lab	71.2150, -25.6121, 18.7024

Details

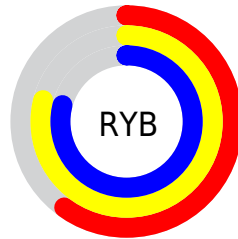
The XYZ color **39.5030, 50.7157, 37.4128** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **45.8599, 39.0920, 60.3889**, and the grayscale version is **43.8734, 46.1582, 50.2663**.

A 20% lighter version of the original color is **72.6327, 89.2416, 71.7897**, and **18.0382, 24.5163, 16.0933** is the 20% darker color. If you saturate the color by 10%, you get **34.5459, 48.3361, 29.3036**, and if you desaturate by 10%, it is **45.3793, 53.5399, 47.0235**.

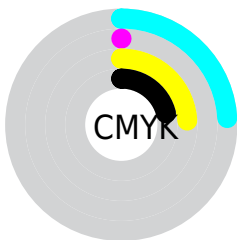
Distribution



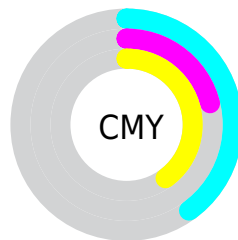
- Red (60%)
- Green (79%)
- Blue (60%)



- Red (60%)
- Yellow (79%)
- Blue (79%)



- Cyan (24%)
- Magenta (0%)
- Yellow (24%)
- Black (21%)



- Cyan (40%)
- Magenta (21%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 39.5030, 50.7157, 37.4128 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 39.5030, 50.7157, 37.4128 by changing the saturation by 10% instead.

■ 39.5030, 50.7157,
37.4128

■ 39.5030, 50.7157,
37.4128

335.1948,
389.4582, 350.3166

■ 27.3337, 35.9824,
25.2290

■ 73.6953, 91.2344,
72.4006

■ 17.9619, 24.4206,
16.0272

■ 96.4490, 117.7886,
96.0417

■ 11.0222, 15.6459,
9.3888

123.4616,
149.0518, 124.3390

■ 6.1491, 9.2739,
4.8954

155.0983,
185.4086, 157.7109

■ 2.9775, 4.9203,
2.1283

191.7247,
227.2432, 196.5761

■ 1.1419, 2.2006,
0.6326

233.7060,

■ 0.0597, 0.7203,

274.9401, 241.3531

0.0000

281.4076,
328.8836, 292.4604

■ 0.0000, 0.0000,
0.0000

■ 39.5030, 50.7157,
37.4128

■ 39.5030, 50.7157,
37.4128

■ 34.5459, 48.3361,
29.3036

■ 45.3793, 53.5399,
47.0235

■ 30.4579, 46.3724,
22.6168

■ 52.2138, 56.8229,
58.2024

■ 27.1901, 44.8027,
17.2717

■ 60.0480, 60.5860,
71.0166

■ 24.6871, 43.6004,
13.1775

■ 68.9199, 64.8476,
85.5280

■ 22.8868, 42.7356,
10.2328

■ 78.8653, 69.6249,
101.7954

■ 21.7174, 42.1739,
8.3200

■ 80.1777, 70.2553,
103.9426

■ 21.0918, 41.8734,
7.2966

■ 20.8877, 41.7753,
6.9627

Harmonies

Analogous

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



43.8234, 50.7157, 29.8218



39.5030, 50.7157, 37.4128



37.5430, 50.7157, 51.1580

Triad

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



39.5030, 50.7157, 37.4128



46.7634, 50.7157, 95.3859



59.7599, 50.7157, 43.2606

Complementary

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



39.5030, 50.7157, 37.4128



45.8599, 39.0920, 60.3889

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.



60.7128, 50.7157, 59.4932



39.5030, 50.7157, 37.4128



52.8667, 50.7157, 92.0394

Square

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



39.5030, 50.7157, 37.4128



41.5008, 50.7157, 86.3053



58.0966, 50.7157, 77.9366



55.5921, 50.7157, 32.6712

Rectangle

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



39.5030, 50.7157, 37.4128



37.7122, 50.7157, 62.9651



58.0966, 50.7157, 77.9366



60.4803, 50.7157, 48.1390

Sweetspot

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



39.5043, 50.7179, 37.4139



86.0432, 95.6736, 94.1679



50.6438, 56.4605, 37.9348



18.2592, 20.4024, 19.8980



0.0000, 0.0000, 0.0000



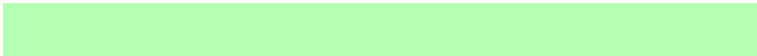
20.3446, 21.4041, 23.3091

Same Dimension

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



39.5043, 50.7179, 37.4139



63.1735, 84.6881, 56.7606



41.7230, 51.6053, 49.0973



10.4975, 11.8879, 11.3041



13.1328, 26.2655, 4.3777



0.6218, 1.2437, 0.2073

Inverse Universe

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



45.8599, 39.0920, 60.3889



75.8238, 61.5480, 102.4902



43.2032, 38.0294, 46.3988



11.0831, 10.8166, 13.4211



21.7738, 10.4591, 35.6141



1.0310, 0.4952, 1.6863

Previews

White Background



This preview shows how the XYZ color 39.5030, 50.7157, 37.4128 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 39.5030, 50.7157, 37.4128 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

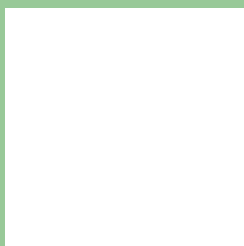
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 39.5030, 50.7157, 37.4128

Background



This preview shows how black text looks on a background with the XYZ color 39.5030, 50.7157, 37.4128.



This preview shows how white text looks on a background with the XYZ color 39.5030, 50.7157,

37.4128.

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

39.5030, 50.7157, 37.4128

Protanopia

47.2589, 50.4593, 34.4429

Deuteranopia

51.1399, 50.1998, 38.4466



Tritanopia

45.4789, 50.4248, 67.6576

Trichromacy



Original Color

39.5030, 50.7157, 37.4128

Protanomaly

43.9437, 50.3453, 35.4185

Deuteranomaly

45.8919, 49.6705, 38.1789

Tritanomaly

42.9176, 50.3798, 55.0392

Monochromacy



Original Color

39.5030, 50.7157, 37.4128

Achromatopsia

43.9204, 46.2077, 50.3202

Achromatomaly

41.8165, 47.4148, 44.9782

CSS Examples

Text

The CSS property to change the color of the text to XYZ 39.5030, 50.7157, 37.4128 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(152, 201, 152)` looks like.

```
.text, #text, p{  
    color:rgb(152, 201, 152)  
}
```

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(152, 201, 152) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(152, 201, 152) }
```

Border

The CSS property to change the border of an element to XYZ 39.5030, 50.7157, 37.4128 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(152, 201, 152) }
```


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

```
.border{ border-color:rgb(152, 201, 152) }
```

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

Here you see how a box with a 4 pixel `rgb(152, 201, 152)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(152, 201, 152); -webkit-box-  
shadow:4px 4px 4px 4px rgb(152, 201, 152);  
box-shadow:4px 4px 4px 4px rgb(152, 201,  
152) }
```

Background

The CSS property to change the background color of an element to XYZ 39.5030, 50.7157, 37.4128 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(152, 201, 152) }
```

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

```
.background{ background-color: rgb(152,  
201, 152) }
```

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