

Converting Colors

XYZ(39.4230, 47.4403, 34.0380)

Have a look what the booklet for
XYZ(39.4230, 47.4403, 34.0380)
contains.

XYZ(39.2587, 47.3053, 33.8497)	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(39.2587, 47.3053,
33.8497)**

Conversions

Conversions Part 1

Format	Color
Hex	A5BF91
RGB	165, 191, 145
RGB Percent	65%, 75%, 57%
CMY	0.3529, 0.2510, 0.4314
CMYK	0.14, 0.00, 0.24, 0.25
HSL	94°, 26%, 66%
HSV	94°, 24%, 75%
XYZ	39.2587, 47.3053, 33.8497
YIQ	177.9820, -0.7300, -19.8180

Conversions

Conversions Part 2

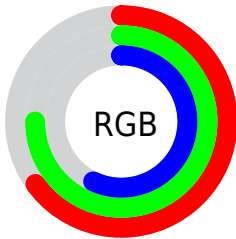
Format	Color
RYB	145, 191, 171
Decimal	10862481
CIELab	74.38, -17.22, 20.35
CIELCh	74, 26.660, 130.244
Yxy	47.3053, 0.3260, 0.3929
Android (android.graphics.Color)	4289052561 (0xFFA5BF91)
YUV	177.9820, -16.2601, -11.3852
Hunter-Lab	68.7788, -18.4759, 18.9655

Details

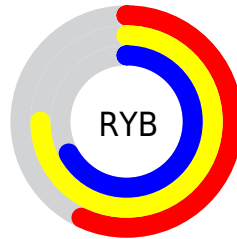
The XYZ color **39.2587, 47.3053, 33.8497** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **36.3259, 32.6716, 53.6845**, and the grayscale version is **42.3921, 44.5998, 48.5691**.

A 20% lighter version of the original color is **73.0848, 85.8607, 66.7536**, and **17.9189, 22.4958, 13.9874** is the 20% darker color. If you saturate the color by 10%, you get **35.7566, 45.6574, 26.6334**, and if you desaturate by 10%, it is **43.2006, 49.1541, 42.3811**.

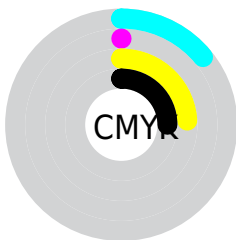
Distribution



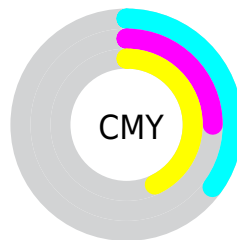
- Red (65%)
- Green (75%)
- Blue (57%)



- Red (57%)
- Yellow (75%)
- Blue (67%)



- Cyan (14%)
- Magenta (0%)
- Yellow (24%)
- Black (25%)




- Cyan (35%)
- Magenta (25%)
- Yellow (43%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 39.2587, 47.3053, 33.8497 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 39.2587, 47.3053, 33.8497 by changing the saturation by 10% instead.


 39.2587, 47.3053,
33.8497


 39.2587, 47.3053,
33.8497


334.1774,
376.0318, 334.2100

 27.1427, 33.2771,
22.5017


 73.3249, 86.1692,
66.8311

 17.8175, 22.3388,
14.0242


 96.0058, 111.7736,
89.3016

 10.9180, 14.1060,
7.9986


122.9390,
142.0055, 116.3167

 6.0786, 8.1945,
4.0063

154.4899,
177.2494, 148.2949

 2.9340, 4.2196,
1.6288

191.0238,
217.8895, 185.6548

 1.1190, 1.7972,
0.3112

232.9061,

 0.0409, 0.4854,

264.3104, 228.8150

0.0000

280.5022,
316.8964, 278.1939

■ 0.0000, 0.0000,
0.0000

■ 39.2587, 47.3053,
33.8497

■ 39.2587, 47.3053,
33.8497

■ 35.7566, 45.6574,
26.6334

■ 43.2006, 49.1541,
42.3811

■ 32.6735, 44.1969,
20.6638

■ 47.5945, 51.2046,
52.2853

■ 29.9923, 42.9181,
15.8708

■ 52.4569, 53.4654,
63.6204

■ 27.6932, 41.8123,
12.1763

■ 57.8020, 55.9427,
76.4403

■ 25.7544, 40.8701,
9.4926

■ 63.6437, 58.6425,
90.7958

■ 24.1511, 40.0812,
7.7187

■ 69.2448, 61.2704,
102.7845

■ 22.8545, 39.4333,
6.7326

■ 72.8136, 63.1102,
102.9515

■ 22.2023, 39.1042,
6.3777

■ 76.6007, 65.0625,
103.1288

■ 77.9218, 65.7436,
103.1906

Harmonies

Analogous

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



43.3406, 47.3053, 29.6273



39.2587, 47.3053, 33.8497



36.8226, 47.3053, 43.0788

Triad

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



39.2587, 47.3053, 33.8497



41.9139, 47.3053, 80.6076



54.6710, 47.3053, 46.9476

Complementary

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



39.2587, 47.3053, 33.8497



36.3259, 32.6716, 53.6845

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.



54.2209, 47.3053, 60.9694



39.2587, 47.3053, 33.8497



46.6239, 47.3053, 82.1465

Square

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



39.2587, 47.3053, 33.8497



38.2783, 47.3053, 70.5431



51.1931, 47.3053, 74.4349



52.3822, 47.3053, 36.2470

Rectangle

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



39.2587, 47.3053, 33.8497



36.3491, 47.3053, 51.6203



51.1931, 47.3053, 74.4349



54.8387, 47.3053, 51.3947

Sweetspot

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



39.2599, 47.3074, 33.8507



82.7691, 90.5525, 88.0050



41.0296, 41.9846, 32.7301



18.0681, 19.8345, 19.0819



92.9021, 97.7402, 106.4391



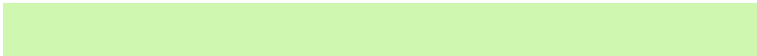
19.4759, 20.4902, 22.3138

Same Dimension

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



39.2599, 47.3074, 33.8507



66.8437, 83.0923, 53.3920



35.5993, 45.3995, 34.6148



9.7916, 10.8470, 10.1542



14.6792, 25.7433, 4.1953



0.6501, 1.0471, 0.1678

Inverse Universe

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



36.3259, 32.6716, 53.6845



60.6611, 52.2625, 95.1696



40.7659, 34.9895, 52.5811



9.5186, 9.4842, 12.0012



10.3354, 4.6142, 32.7388



0.4786, 0.2188, 1.2859

Previews

White Background



This preview shows how the XYZ color 39.2587, 47.3053, 33.8497 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 39.2587, 47.3053, 33.8497 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 39.2587, 47.3053, 33.8497

Background



This preview shows how black text looks on a background with the XYZ color 39.2587, 47.3053, 33.8497.



This preview shows how white text looks on a background with the XYZ color 39.2587, 47.3053,

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

39.2587, 47.3053, 33.8497

Protanopia

44.0413, 46.9811, 31.9463

Deuteranopia

47.8266, 46.7951, 34.5286



Tritanopia

44.5671, 47.2424, 60.1958

Trichromacy



Original Color

39.2587, 47.3053, 33.8497

Protanomaly

41.9986, 46.8413, 32.4189

Deuteranomaly

44.2960, 46.7564, 34.2940

Tritanomaly

42.4846, 47.3414, 49.5464

Monochromacy



Original Color

39.2587, 47.3053, 33.8497

Achromatopsia

42.3164, 44.5201, 48.4824

Achromatomaly

41.0500, 45.5044, 42.6961

CSS Examples

Text

The CSS property to change the color of the text to XYZ 39.2587, 47.3053, 33.8497 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, 191, 145)` looks like.

```
.text, #text, p{  
    color:rgb(165, 191, 145)  
}
```

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, 191, 145) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(165, 191, 145) }
```

Border

The CSS property to change the border of an element to XYZ 39.2587, 47.3053, 33.8497 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, 191, 145) }
```


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

```
.border{ border-color:rgb(165, 191, 145) }
```

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

Here you see how a box with a 4 pixel `rgb(165, 191, 145)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(165, 191, 145); -webkit-box-  
shadow:4px 4px 4px 4px rgb(165, 191, 145);  
box-shadow:4px 4px 4px 4px rgb(165, 191,  
145) }
```

Background

The CSS property to change the background color of an element to XYZ 39.2587, 47.3053, 33.8497 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(165, 191, 145) }
```

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

```
.background{ background-color: rgb(165,  
191, 145) }
```

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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