

Converting Colors

XYZ(39.0992, 42.8111, 21.1415)

Have a look what the booklet for
XYZ(39.0992, 42.8111, 21.1415)
contains.

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Color

**XYZ(39.1336, 42.8897,
21.2549)**

Conversions

Conversions Part 1

Format	Color
Hex	BCB06F
RGB	188, 176, 111
RGB Percent	74%, 69%, 44%
CMY	0.2627, 0.3098, 0.5647
CMYK	0.00, 0.06, 0.41, 0.26
HSL	51°, 36%, 59%
HSV	51°, 41%, 74%
XYZ	39.1336, 42.8897, 21.2549
YIQ	172.1780, 28.0170, -17.6710

Conversions

Conversions Part 2

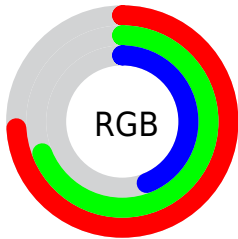
Format	Color
RYB	125, 188, 111
Decimal	12365935
CIELab	71.48, -5.10, 34.81
CIELCh	71, 35.180, 98.335
Yxy	42.8897, 0.3789, 0.4153
Android (android.graphics.Color)	4290556015 (0xFFBCB06F)
YUV	172.1780, -30.1608, 13.8759
Hunter-Lab	65.4902, -7.9455, 26.6005

Details

The XYZ color **39.1336, 42.8897, 21.2549** is a light color, and the websafe version is hex **999966**. A complement of this color would be **22.7155, 21.1756, 50.4670**, and the grayscale version is **39.4418, 41.4958, 45.1889**.

A 20% lighter version of the original color is **72.9329, 79.2446, 46.5737**, and **17.7500, 19.7496, 7.4340** is the 20% darker color. If you saturate the color by 10%, you get **37.6378, 41.3839, 16.1757**, and if you desaturate by 10%, it is **40.8618, 44.5113, 27.4874**.

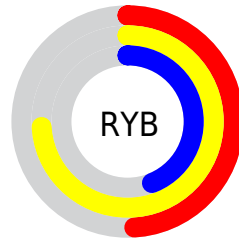
Distribution



Red (74%)

Green (69%)

Blue (44%)



Red (49%)

Yellow (74%)

Blue (44%)

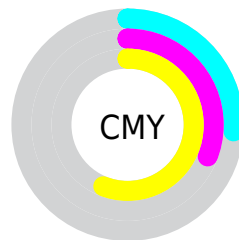


Cyan (0%)

Magenta (6%)

Yellow (41%)

Black (26%)



Cyan (26%)


Magenta (31%)


Yellow (56%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 39.1336, 42.8897, 21.2549 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 39.1336, 42.8897, 21.2549 by changing the saturation by 10% instead.


 39.1336, 42.8897,
21.2549


 39.1336, 42.8897,
21.2549


333.6556,
358.1580, 271.4555


 27.0449, 29.7986,
13.1174


 73.1351, 79.5444,
46.3977


 17.7437, 19.6858,
7.3778


 95.7786, 103.8767,
64.2400

 10.8647, 12.1668,
3.6174


 122.6711,
132.7250, 86.1544

 6.0425, 6.8574,
1.4179

 154.1779,
166.4735, 112.5593

 2.9119, 3.3731,
0.1556

190.6644,
205.5066, 143.8733

 1.1073, 1.3295,
0.0000

232.4960,

 0.0312, 0.1638,

250.2088, 180.5150

0.0000

280.0379,
300.9645, 222.9029

■ 0.0000, 0.0000,
0.0000

■ 39.1336, 42.8897,
21.2549

■ 39.1336, 42.8897,
21.2549

■ 37.6378, 41.3839,
16.1757

■ 40.8618, 44.5113,
27.4874

■ 36.3574, 39.9825,
12.1746

■ 42.8319, 46.2481,
34.9367

■ 35.2779, 38.6810,
9.1714

■ 45.0566, 48.1068,
43.6651

■ 34.3818, 37.4723,
7.0740

■ 47.5469, 50.0920,
53.7297

■ 33.6483, 36.3480,
5.7728

■ 50.3129, 52.2077,
65.1841

■ 33.0878, 35.3889,
5.0868

■ 53.3645, 54.4581,
78.0791

■ 56.7109, 56.8469,
92.4627

■ 59.3126, 58.9586,
102.8618

■ 59.9949, 60.3232,
103.0892

Harmonies

Analogous

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



45.1245, 42.8897, 22.4378



39.1336, 42.8897, 21.2549



34.0898, 42.8897, 25.4710

Triad

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



39.1336, 42.8897, 21.2549



32.4544, 42.8897, 70.0420



52.3155, 42.8897, 59.8320

Complementary

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



39.1336, 42.8897, 21.2549



22.7155, 21.1756, 50.4670

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.



48.2601, 42.8897, 77.3074



39.1336, 42.8897, 21.2549



36.6965, 42.8897, 84.1277

Square

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



39.1336, 42.8897, 21.2549



30.4859, 42.8897, 51.5986



42.4419, 42.8897, 87.0679



53.1292, 42.8897, 42.1209

Rectangle

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



39.1336, 42.8897, 21.2549



31.8046, 42.8897, 31.5602



42.4419, 42.8897, 87.0679



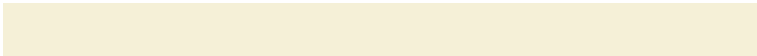
51.2685, 42.8897, 66.0398

Sweetspot

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



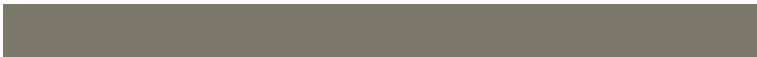
39.1347, 42.8917, 21.2558



81.1327, 86.7566, 77.0455



30.0513, 23.5117, 21.9684



17.3303, 18.5604, 16.1050



90.7827, 95.5105, 104.0109



18.6292, 19.5994, 21.3438

Same Dimension

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



39.1347, 42.8917, 21.2558



68.5056, 75.3077, 30.2764



35.8208, 44.8306, 21.8047



10.1922, 10.8604, 10.1357



22.5723, 24.1834, 3.4782



0.9188, 1.0165, 0.1478

Inverse Universe

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



22.7155, 21.1756, 50.4670



34.7891, 30.7347, 90.3250



25.0239, 20.2905, 50.1745



9.1333, 9.4590, 12.0166



6.5199, 3.1516, 32.6576



0.2938, 0.2003, 1.2920

Previews

White Background



This preview shows how the XYZ color 39.1336, 42.8897, 21.2549 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 39.1336, 42.8897, 21.2549 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

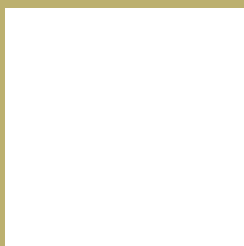
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 39.1336, 42.8897, 21.2549

Background



This preview shows how black text looks on a background with the XYZ color 39.1336, 42.8897, 21.2549.



This preview shows how white text looks on a background with the XYZ color 39.1336, 42.8897,

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

39.1336, 42.8897, 21.2549

Protanopia

39.6851, 42.8840, 21.2247

Deuteranopia

43.6633, 42.6786, 21.5593



Tritanopia

45.1081, 43.0772, 49.6533

Trichromacy



Original Color

39.1336, 42.8897, 21.2549

Protanomaly

39.4344, 42.7548, 21.2130

Deuteranomaly

41.9280, 42.6158, 21.3451

Tritanomaly

42.5560, 42.8636, 37.4830

Monochromacy



Original Color

39.1336, 42.8897, 21.2549

Achromatopsia

39.2122, 41.2543, 44.9259

Achromatomaly

38.8087, 41.5541, 34.8295

CSS Examples

Text

The CSS property to change the color of the text to XYZ 39.1336, 42.8897, 21.2549 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(188, 176, 111)` looks like.

```
.text, #text, p{  
    color:rgb(188, 176, 111)  
}
```

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(188, 176, 111) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(188, 176, 111) }
```

Border

The CSS property to change the border of an element to XYZ 39.1336, 42.8897, 21.2549 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(188, 176, 111) }
```


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

```
.border{ border-color:rgb(188, 176, 111) }
```

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

Here you see how a box with a 4 pixel `rgb(188, 176, 111)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(188, 176, 111); -webkit-box-  
shadow:4px 4px 4px 4px rgb(188, 176, 111);  
box-shadow:4px 4px 4px 4px rgb(188, 176,  
111) }
```

Background

The CSS property to change the background color of an element to XYZ 39.1336, 42.8897, 21.2549 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(188, 176, 111) }
```

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

```
.background{ background-color: rgb(188,  
176, 111) }
```

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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