

Converting Colors

XYZ(39.3108, 47.7424, 15.3901)

Have a look what the booklet for
XYZ(39.3108, 47.7424, 15.3901)
contains.

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Color

**XYZ(39.2482, 47.7099,
15.3239)**

Conversions

Conversions Part 1

Format	Color
Hex	B5BF53
RGB	181, 191, 83
RGB Percent	71%, 75%, 33%
CMY	0.2902, 0.2510, 0.6745
CMYK	0.05, 0.00, 0.57, 0.25
HSL	66°, 46%, 54%
HSV	66°, 57%, 75%
XYZ	39.2482, 47.7099, 15.3239
YIQ	175.6980, 28.7080, -35.7080

Conversions

Conversions Part 2

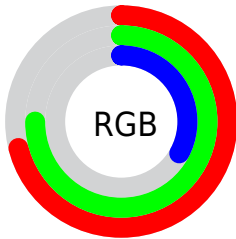
Format	Color
RYB	83, 191, 93
Decimal	11910995
CIELab	74.64, -18.36, 52.25
CIELCh	75, 55.380, 109.366
Yxy	47.7099, 0.3837, 0.4665
Android (android.graphics.Color)	4290101075 (0xFFB5BF53)
YUV	175.6980, -45.7001, 4.6499
Hunter-Lab	69.0724, -19.4496, 35.1970

Details

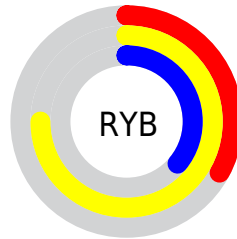
The XYZ color **39.2482, 47.7099, 15.3239** is a light color, and the websafe version is hex **CCCC66**. A complement of this color would be **17.0130, 12.2763, 50.7660**, and the grayscale version is **41.3305, 43.4829, 47.3529**.

A 20% lighter version of the original color is **73.3013, 86.6498, 36.1543**, and **17.9144, 22.7013, 4.6000** is the 20% darker color. If you saturate the color by 10%, you get **38.1982, 47.2440, 11.9417**, and if you desaturate by 10%, it is **40.5089, 48.2641, 19.7781**.

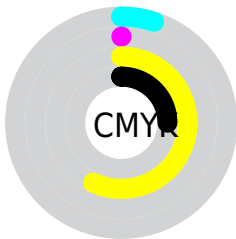
Distribution



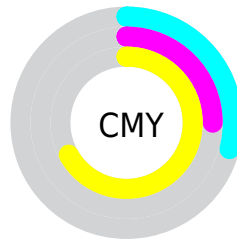
- Red (71%)
- Green (75%)
- Blue (33%)



- Red (33%)
- Yellow (75%)
- Blue (36%)



- Cyan (5%)
- Magenta (0%)
- Yellow (57%)
- Black (25%)





- Cyan (29%)
- Magenta (25%)
- Yellow (67%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 39.2482, 47.7099, 15.3239 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 39.2482, 47.7099, 15.3239 by changing the saturation by 10% instead.


 39.2482, 47.7099,
15.3239


 39.2482, 47.7099,
15.3239


334.1336,
377.6411, 237.0263


 27.1345, 33.5972,
8.8979


 73.3090, 86.7723,
36.1707

 17.8113, 22.5843,
4.5787


 95.9867, 112.4908,
51.4286


 10.9135, 14.2869,
1.9479


 122.9165,
142.8467, 70.4675

 6.0756, 8.3205,
0.5230

 154.4637,
178.2245, 93.7059

 2.9322, 4.3007,
0.0000

 190.9937,
219.0083, 121.5625

 1.1180, 1.8431,
0.0000

232.8717,

 0.0401, 0.5139,

265.5828, 154.4558

0.0000

280.4632,
318.3323, 192.8042

■ 0.0000, 0.0000,
0.0000

■ 39.2482, 47.7099,
15.3239

■ 39.2482, 47.7099,
15.3239

■ 38.1982, 47.2440,
11.9417

■ 40.5089, 48.2641,
19.7781

■ 37.3384, 46.8530,
9.5383

■ 41.9921, 48.9063,
25.3814

■ 36.6498, 46.5312,
8.0096

■ 43.7126, 49.6440,
32.2071

■ 36.1062, 46.2679,
7.2172

■ 45.6833, 50.4823,
40.3217

■ 35.9342, 46.1834,
7.0204

■ 47.9156, 51.4259,
49.7868

■ 50.4208, 52.4793,
60.6601

■ 53.2089, 53.6465,
72.9960

■ 56.2900, 54.9315,
86.8459

■ 59.6733, 56.3380,
102.2588

Harmonies

Analogous

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



48.9991, 47.7099, 14.3796



39.2482, 47.7099, 15.3239



32.2306, 47.7099, 23.6447

Triad

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



39.2482, 47.7099, 15.3239



33.9126, 47.7099, 106.1397



67.0620, 47.7099, 62.8198

Complementary

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



39.2482, 47.7099, 15.3239



17.0130, 12.2763, 50.7660

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.



61.6114, 47.7099, 96.8505



39.2482, 47.7099, 15.3239



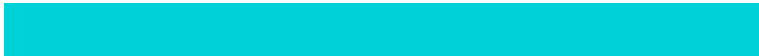
41.8807, 47.7099, 127.3245

Square

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



39.2482, 47.7099, 15.3239



29.4789, 47.7099, 72.4976



52.0466, 47.7099, 123.4089



66.0804, 47.7099, 35.7024

Rectangle

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



39.2482, 47.7099, 15.3239



29.5885, 47.7099, 34.8158



52.0466, 47.7099, 123.4089



65.8930, 47.7099, 73.9407

Sweetspot

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



39.2493, 47.7121, 15.3249



81.5429, 90.2938, 71.0786



26.8760, 19.3564, 10.5038



17.7418, 19.7580, 14.9250



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.



39.2493, 47.7121, 15.3249



67.9883, 84.4196, 20.1374



29.0960, 42.4778, 14.8497



10.2327, 11.0744, 10.1749



23.6503, 30.3681, 4.6151



0.9521, 1.2028, 0.1820

Inverse Universe

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



17.0130, 12.2763, 50.7660



24.3412, 14.7696, 89.8470



24.3528, 16.0601, 51.1095



9.0963, 9.2665, 11.9814



6.3715, 2.5707, 32.5533



0.2776, 0.1151, 1.2764

Previews

White Background



This preview shows how the XYZ color 39.2482, 47.7099, 15.3239 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 39.2482, 47.7099, 15.3239 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

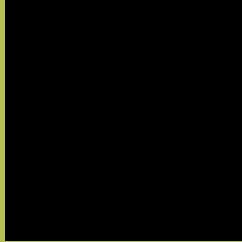
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 39.2482, 47.7099, 15.3239

Background



This preview shows how black text looks on a background with the XYZ color 39.2482, 47.7099, 15.3239.



This preview shows how white text looks on a background with the XYZ color 39.2482, 47.7099,

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

39.2482, 47.7099, 15.3239

Protanopia

43.5275, 47.7124, 14.6999

Deuteranopia

48.4555, 47.5333, 15.8535



Tritanopia

47.8500, 47.4727, 57.6801

Trichromacy



Original Color

39.2482, 47.7099, 15.3239

Protanomaly

42.0583, 47.8856, 15.0088

Deuteranomaly

44.7819, 47.4213, 15.5971

Tritanomaly

43.7525, 47.0189, 37.3414

Monochromacy



Original Color

39.2482, 47.7099, 15.3239

Achromatopsia

41.2663, 43.4154, 47.2793

Achromatomaly

39.7665, 44.4657, 32.0780

CSS Examples

Text

The CSS property to change the color of the text to XYZ 39.2482, 47.7099, 15.3239 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(181, 191, 83)` looks like.

```
.text, #text, p{  
    color:rgb(181, 191, 83)  
}
```

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(181, 191, 83) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(181, 191, 83) }
```

Border

The CSS property to change the border of an element to XYZ 39.2482, 47.7099, 15.3239 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(181, 191, 83) }
```


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

```
.border{ border-color:rgb(181, 191, 83) }
```

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

Here you see how a box with a 4 pixel `rgb(181, 191, 83)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(181, 191, 83); -webkit-box-  
shadow:4px 4px 4px 4px rgb(181, 191, 83);  
box-shadow:4px 4px 4px 4px rgb(181, 191,  
83) }
```

Background

The CSS property to change the background color of an element to XYZ 39.2482, 47.7099, 15.3239 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(181, 191, 83) }
```

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

```
.background{ background-color: rgb(181,  
191, 83) }
```

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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