

Converting Colors

XYZ(31.2595, 42.7567, 19.1492)

Have a look what the booklet for
XYZ(31.2595, 42.7567, 19.1492)
contains.

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Color

**XYZ(31.4111, 42.9300,
19.2011)**

Conversions

Conversions Part 1

Format	Color
Hex	8CBD66
RGB	140, 189, 102
RGB Percent	55%, 74%, 40%
CMY	0.4510, 0.2588, 0.6000
CMYK	0.26, 0.00, 0.46, 0.26
HSL	94°, 40%, 57%
HSV	94°, 46%, 74%
XYZ	31.4111, 42.9300, 19.2011
YIQ	164.4310, -1.2770, -37.4450

Conversions

Conversions Part 2

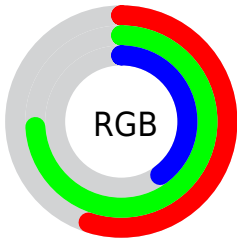
Format	Color
RYB	102, 189, 151
Decimal	9223526
CIELab	71.51, -31.50, 38.72
CIELCh	72, 49.914, 129.128
Yxy	42.9300, 0.3358, 0.4589
Android (android.graphics.Color)	4287413606 (0xFF8CBD66)
YUV	164.4310, -30.7785, -21.4260
Hunter-Lab	65.5210, -29.0879, 28.4896

Details

The XYZ color **31.4111, 42.9300, 19.2011** is a dark color, and the websafe version is hex **99CC66**. A complement of this color would be **26.7010, 19.7574, 50.5528**, and the grayscale version is **35.6358, 37.4916, 40.8283**.

A 20% lighter version of the original color is **61.2942, 79.8467, 42.7533**, and **13.2143, 19.6021, 6.3359** is the 20% darker color. If you saturate the color by 10%, you get **28.8710, 41.7181, 14.7350**, and if you desaturate by 10%, it is **34.3406, 44.3206, 24.8027**.

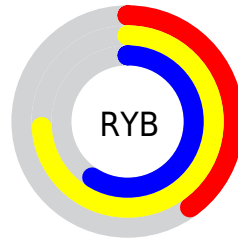
Distribution



Red (55%)

Green (74%)

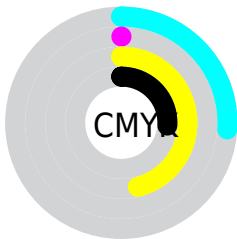
Blue (40%)



Red (40%)

Yellow (74%)

Blue (59%)

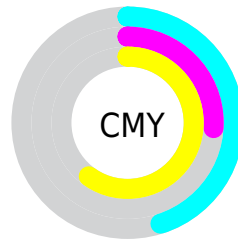


Cyan (26%)

Magenta (0%)

Yellow (46%)

Black (26%)



Cyan (45%)

Magenta (26%)

Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 31.4111, 42.9300, 19.2011 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 31.4111, 42.9300, 19.2011 by changing the saturation by 10% instead.

■ 31.4111, 42.9300,
19.2011

■ 31.4111, 42.9300,
19.2011

300.2210,
358.3238, 260.0163

■ 21.0655, 29.8302,
11.6374

■ 61.2582, 79.6052,
42.9149

■ 13.2846, 19.7097,
6.3778

■ 81.4903, 103.9494,
59.9020

■ 7.7032, 12.1842,
3.0036

■ 105.7487,
132.8105, 80.8673

■ 3.9558, 6.8693,
1.0965

■ 134.3986,
166.5730, 106.2294

■ 1.6772, 3.3805,
0.0000

167.8054,
205.6211, 136.4069

■ 0.4419, 1.3334,
0.0000

206.3345,

■ 0.0000, 0.1669,

250.3394, 171.8181

0.0000

250.3513,
301.1122, 212.8818

■ 0.0000, 0.0000,
0.0000

■ 31.4111, 42.9300,
19.2011

■ 31.4111, 42.9300,
19.2011

■ 28.8710, 41.7181,
14.7350

■ 34.3406, 44.3206,
24.8027

■ 26.6975, 40.6709,
11.3237

■ 37.6744, 45.8921,
31.6073

■ 24.8700, 39.7809,
8.8808


■ 41.4303, 47.6535,
39.6806


■ 23.3638, 39.0378,
7.3046


■ 45.6241, 49.6117,
49.0827


■ 22.1488, 38.4287,
6.4655


■ 50.2705, 51.7731,
59.8697

 21.7260, 38.2155,
6.2313

 55.3838, 54.1438,
72.0948

 60.9773, 56.7297,
85.8081

 67.0640, 59.5362,
101.0574

 70.7781, 61.4177,
102.7321

Harmonies

Analogous

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



38.2873, 42.9300, 14.2713



31.4111, 42.9300, 19.2011



27.4621, 42.9300, 32.0867

Triad

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



31.4111, 42.9300, 19.2011



35.3003, 42.9300, 104.8723



58.9781, 42.9300, 39.7629

Complementary

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



31.4111, 42.9300, 19.2011



26.7010, 19.7574, 50.5528

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.



57.8883, 42.9300, 65.2966



31.4111, 42.9300, 19.2011



43.4279, 42.9300, 109.1391

Square

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



31.4111, 42.9300, 19.2011



29.4835, 42.9300, 82.5574



51.9036, 42.9300, 92.7575



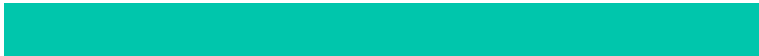
54.7038, 42.9300, 23.1538

Rectangle

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



31.4111, 42.9300, 19.2011



26.6553, 42.9300, 46.0414



51.9036, 42.9300, 92.7575



59.2384, 42.9300, 47.4527

Sweetspot

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



31.4122, 42.9319, 19.2020



75.4970, 85.9508, 73.9293



34.2687, 33.5446, 17.2396



15.9022, 18.3275, 15.1640



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.



31.4122, 42.9319, 19.2020



51.7695, 74.7441, 26.4961



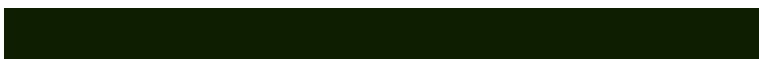
26.2981, 40.2699, 20.1187



9.7935, 10.8479, 10.1543



14.7017, 25.7549, 4.1963



0.6510, 1.0476, 0.1679

Inverse Universe

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



26.7010, 19.7574, 50.5528



42.2929, 28.2054, 89.4413



34.4594, 23.8107, 48.4875



9.5167, 9.4832, 12.0011



10.3048, 4.5984, 32.7374



0.4775, 0.2182, 1.2858

Previews

White Background



This preview shows how the XYZ color 31.4111, 42.9300, 19.2011 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 31.4111, 42.9300, 19.2011 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 31.4111, 42.9300, 19.2011

Background



This preview shows how black text looks on a background with the XYZ color 31.4111, 42.9300, 19.2011.



This preview shows how white text looks on a background with the XYZ color 31.4111, 42.9300,

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

31.4111, 42.9300, 19.2011

Protanopia

39.2259, 42.7295, 17.4895

Deuteranopia

43.3365, 42.5479, 19.8384



Tritanopia

39.0722, 42.9605, 56.6850

Trichromacy



Original Color

31.4111, 42.9300, 19.2011

Protanomaly

35.8070, 42.4276, 18.1065

Deuteranomaly

37.8874, 41.9942, 19.4734

Tritanomaly

35.6731, 42.7946, 39.6377

Monochromacy



Original Color

31.4111, 42.9300, 19.2011

Achromatopsia

35.2861, 37.1238, 40.4278

Achromatomaly

33.2689, 38.7788, 30.9309

CSS Examples

Text

The CSS property to change the color of the text to XYZ 31.4111, 42.9300, 19.2011 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(140, 189, 102)` looks like.

```
.text, #text, p{  
    color:rgb(140, 189, 102)  
}
```

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(140, 189, 102) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(140, 189, 102) }
```

Border

The CSS property to change the border of an element to XYZ 31.4111, 42.9300, 19.2011 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(140, 189, 102) }
```


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

```
.border{ border-color:rgb(140, 189, 102) }
```

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

Here you see how a box with a 4 pixel `rgb(140, 189, 102)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(140, 189, 102); -webkit-box-  
shadow:4px 4px 4px 4px rgb(140, 189, 102);  
box-shadow:4px 4px 4px 4px rgb(140, 189,  
102) }
```

Background

The CSS property to change the background color of an element to XYZ 31.4111, 42.9300, 19.2011 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(140, 189, 102) }
```

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

```
.background{ background-color: rgb(140,  
189, 102) }
```

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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