

Converting Colors

XYZ(41.5244, 50.9111, 29.1110)

Have a look what the booklet for
XYZ(41.5244, 50.9111, 29.1110)
contains.

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Color

**XYZ(41.5244, 50.9111,
29.1110)**

Conversions

Conversions Part 1

Format	Color
Hex	ADC683
RGB	173, 198, 131
RGB Percent	68%, 78%, 51%
CMY	0.3216, 0.2235, 0.4863
CMYK	0.13, 0.00, 0.34, 0.22
HSL	82°, 37%, 65%
HSV	82°, 34%, 78%
XYZ	41.5244, 50.9111, 29.1110
YIQ	182.8870, 6.6070, -26.1370

Conversions

Conversions Part 2

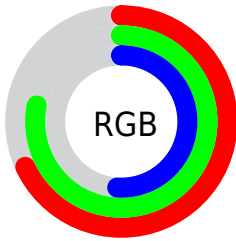
Format	Color
RYB	131, 198, 156
Decimal	11388547
CIELab	76.63, -19.85, 30.86
CIELCh	77, 36.689, 122.756
Yxy	50.9111, 0.3416, 0.4189
Android (android.graphics.Color)	4289578627 (0xFFADC683)
YUV	182.8870, -25.5803, -8.6709
Hunter-Lab	71.3520, -20.9852, 25.7566

Details

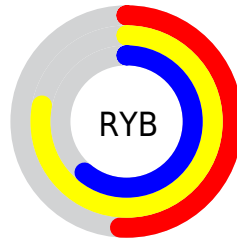
The XYZ color **41.5244, 50.9111, 29.1110** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **32.0217, 27.3792, 57.0259**, and the grayscale version is **45.0822, 47.4300, 51.6512**.

A 20% lighter version of the original color is **76.8301, 91.6808, 59.5457**, and **19.2042, 24.5337, 11.5079** is the 20% darker color. If you saturate the color by 10%, you get **38.7200, 49.6075, 22.6316**, and if you desaturate by 10%, it is **44.6783, 52.3684, 36.9475**.

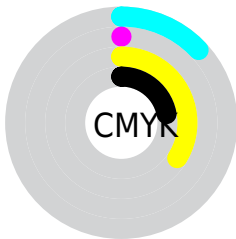
Distribution



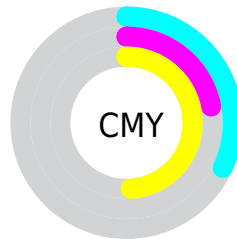
- Red (68%)
- Green (78%)
- Blue (51%)



- Red (51%)
- Yellow (78%)
- Blue (61%)



- Cyan (13%)
- Magenta (0%)
- Yellow (34%)
- Black (22%)



- Cyan (32%)
- Magenta (22%)
- Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 41.5244, 50.9111, 29.1110 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 41.5244, 50.9111, 29.1110 by changing the saturation by 10% instead.

■ 41.5244, 50.9111,
29.1110

■ 41.5244, 50.9111,
29.1110

343.5329,
390.2183, 311.8156

■ 28.9185, 36.1379,
18.9185

■ 76.7490, 91.5234,
59.2977

■ 19.1632, 24.5407,
11.4352

■ 100.0985,
118.1312, 80.1290

■ 11.8930, 15.7352,
6.2425

■ 127.7598,
149.4526, 105.3436

■ 6.7425, 9.3370,
2.9219

160.0985,
185.8721, 135.3601

■ 3.3465, 4.9616,
1.0549

197.4798,
227.7740, 170.5970

■ 1.3395, 2.2248,
0.0000

240.2690,

■ 0.2125, 0.7334,

275.5427, 211.4728

0.0000

288.8316,
329.5627, 258.4062

■ 0.0000, 0.0000,
0.0000

■ 41.5244, 50.9111,
29.1110

■ 41.5244, 50.9111,
29.1110

■ 38.7200, 49.6075,
22.6316

■ 44.6783, 52.3684,
36.9475

■ 36.2451, 48.4442,
17.4289

■ 48.1926, 53.9788,
46.2089

■ 34.0833, 47.4163,
13.4187


■ 52.0827, 55.7502,
56.9626


■ 32.2151, 46.5157,
10.5058


■ 56.3616, 57.6881,
69.2704


■ 30.6180, 45.7334,
8.5802


■ 61.0418, 59.7975,
83.1910


 29.2652, 45.0583,
7.5089

 66.1351, 62.0834,
98.7798

 28.5236, 44.6838,
7.1215

 69.2108, 63.5737,
103.2309

 71.5610, 64.7852,
103.3409

 74.0120, 66.0488,
103.4556

Harmonies

Analogous

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



47.7509, 50.9111, 25.3590



41.5244, 50.9111, 29.1110



37.4716, 50.9111, 39.7185

Triad

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



41.5244, 50.9111, 29.1110



42.5358, 50.9111, 96.8116



62.9750, 50.9111, 53.6167

Complementary

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



41.5244, 50.9111, 29.1110



32.0217, 27.3792, 57.0259

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.



61.2454, 50.9111, 74.8275



41.5244, 50.9111, 29.1110



49.0338, 50.9111, 103.0225

Square

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



41.5244, 50.9111, 29.1110



38.0151, 50.9111, 78.7815



55.9723, 50.9111, 94.1719



60.4979, 50.9111, 37.2248

Rectangle

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



41.5244, 50.9111, 29.1110



36.3253, 50.9111, 50.7541



55.9723, 50.9111, 94.1719



62.8666, 50.9111, 60.3920

Sweetspot

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



41.5257, 50.9133, 29.1121



87.7980, 96.7047, 88.5337



39.2032, 37.2779, 26.6026



18.5863, 20.6048, 18.3852



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.



41.5257, 50.9133, 29.1121



69.6154, 88.3330, 42.4254



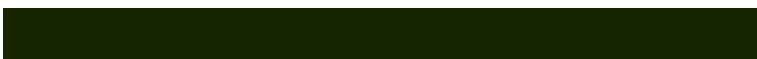
35.0964, 47.5989, 28.8112



11.1255, 12.2116, 11.3335



18.6459, 29.1076, 4.6356



0.9611, 1.4186, 0.2232

Inverse Universe

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



32.0217, 27.3792, 57.0259



50.1305, 40.0552, 99.6970



39.3141, 31.1385, 57.3672



10.4244, 10.4770, 13.3903



8.5473, 3.6406, 34.9966



0.4846, 0.2136, 1.6608

Previews

White Background



This preview shows how the XYZ color 41.5244, 50.9111, 29.1110 looks on a white background.

Color Contrast Check

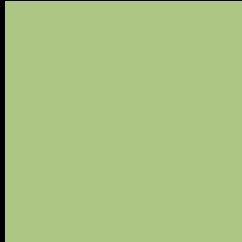
Large Text (above 18pt) WCAG AA × Fail

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 41.5244, 50.9111, 29.1110 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 41.5244, 50.9111, 29.1110

Background



This preview shows how black text looks on a background with the XYZ color 41.5244, 50.9111, 29.1110.



This preview shows how white text looks on a background with the XYZ color 41.5244, 50.9111,

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

41.5244, 50.9111, 29.1110

Protanopia

46.9302, 50.7649, 27.4038

Deuteranopia

51.6375, 50.6443, 29.9754



Tritanopia

48.6251, 50.8221, 64.3736

Trichromacy



Original Color

41.5244, 50.9111, 29.1110

Protanomaly

44.7382, 50.5952, 27.8300

Deuteranomaly

47.2502, 50.2410, 29.7614

Tritanomaly

45.3759, 50.4573, 48.9426

Monochromacy



Original Color

41.5244, 50.9111, 29.1110

Achromatopsia

45.0092, 47.3531, 51.5676

Achromatomaly

43.2745, 48.2305, 42.1506

CSS Examples

Text

The CSS property to change the color of the text to XYZ 41.5244, 50.9111, 29.1110 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(173, 198, 131)` looks like.

```
.text, #text, p{  
    color:rgb(173, 198, 131)  
}
```

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(173, 198, 131) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(173, 198, 131) }
```

Border

The CSS property to change the border of an element to XYZ 41.5244, 50.9111, 29.1110 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(173, 198, 131) }
```


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

```
.border{ border-color:rgb(173, 198, 131) }
```

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

Here you see how a box with a 4 pixel `rgb(173, 198, 131)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(173, 198, 131); -webkit-box-  
shadow:4px 4px 4px 4px rgb(173, 198, 131);  
box-shadow:4px 4px 4px 4px rgb(173, 198,  
131) }
```

Background

The CSS property to change the background color of an element to XYZ 41.5244, 50.9111, 29.1110 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(173, 198, 131) }
```

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

```
.background{ background-color: rgb(173,  
198, 131) }
```

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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