

Converting Colors

XYZ(49.3588, 52.5057, 29.1124)

Have a look what the booklet for
XYZ(49.3588, 52.5057, 29.1124)
contains.

XYZ(49.3059, 52.6019, 29.0272)	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(49.3059, 52.6019,
29.0272)**

Conversions

Conversions Part 1

Format	Color
Hex	D2BF83
RGB	210, 191, 131
RGB Percent	82%, 75%, 51%
CMY	0.1765, 0.2510, 0.4863
CMYK	0.00, 0.09, 0.38, 0.18
HSL	46°, 47%, 67%
HSV	46°, 38%, 82%
XYZ	49.3059, 52.6019, 29.0272
YIQ	189.8410, 30.5840, -14.6320

Conversions

Conversions Part 2

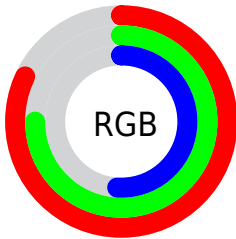
Format	Color
RYB	156, 210, 131
Decimal	13811587
CIELab	77.64, -1.87, 32.73
CIELCh	78, 32.781, 93.265
Yxy	52.6019, 0.3766, 0.4017
Android (android.graphics.Color)	4292001667 (0xFFD2BF83)
YUV	189.8410, -29.0086, 17.6794
Hunter-Lab	72.5272, -5.5735, 27.0397

Details

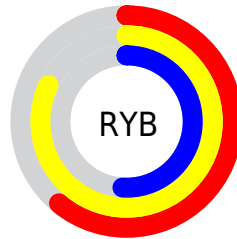
The XYZ color **49.3059, 52.6019, 29.0272** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **31.8991, 31.2903, 65.3313**, and the grayscale version is **49.0025, 51.5544, 56.1428**.

A 20% lighter version of the original color is **83.2577, 91.2843, 59.1304**, and **23.9001, 25.6411, 11.4741** is the 20% darker color. If you saturate the color by 10%, you get **46.9426, 49.9267, 21.9151**, and if you desaturate by 10%, it is **51.9983, 55.4733, 37.6734**.

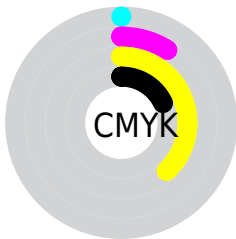
Distribution



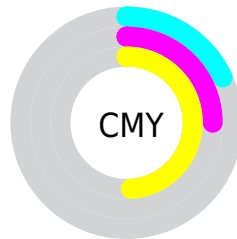
- Red (82%)
- Green (75%)
- Blue (51%)



- Red (61%)
- Yellow (82%)
- Blue (51%)



- Cyan (0%)
- Magenta (9%)
- Yellow (38%)
- Black (18%)



- Cyan (18%)
- Magenta (25%)
- Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 49.3059, 52.6019, 29.0272 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 49.3059, 52.6019, 29.0272 by changing the saturation by 10% instead.

■ 49.3059, 52.6019,
29.0272

■ 49.3059, 52.6019,
29.0272

374.4424,
396.7559, 311.4082

■ 35.0777, 37.4851,
18.8556

■ 88.3436, 94.0183,
59.1630

■ 23.8896, 25.5833,
11.3903

■ 113.8839,
121.0867, 79.9643

■ 15.3760, 16.5121,
6.2125

■ 143.9255,
152.9077, 105.1460

■ 9.1717, 9.8873,
2.9039

178.8339,
189.8657, 135.1265

■ 4.9114, 5.3243,
1.0458

218.9745,
232.3451, 170.3245

■ 2.2296, 2.4388,
0.0000

264.7125,

■ 0.7583, 0.8457,

280.7304, 211.1584

0.0000

316.4133,
335.4058, 258.0468

0.0000, 0.0000,
0.0000

49.3059, 52.6019,
29.0272

49.3059, 52.6019,
29.0272

46.9426, 49.9267,
21.9151

51.9983, 55.4733,
37.6734

44.8865, 47.4327,
16.2413

55.0323, 58.5407,
47.9351

43.1192, 45.1137,
11.9043


58.4245, 61.8133,
59.8920


41.6181, 42.9602,
8.7881


62.1891, 65.2975,
73.6173


40.3572, 40.9609,
6.7566


66.3395, 68.9990,
89.1801


 39.2999, 39.1008,
5.6195

 70.5646, 72.7940,
104.9392

 39.0638, 38.6724,
5.4056

 71.9203, 75.5055,
105.3912

 73.3165, 78.2979,
105.8566

 74.7535, 81.1719,
106.3356

Harmonies

Analogous

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



55.6793, 52.6019, 31.4251



49.3059, 52.6019, 29.0272



43.6079, 52.6019, 32.7758

Triad

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



49.3059, 52.6019, 29.0272



40.4869, 52.6019, 78.6212



61.6842, 52.6019, 74.4463

Complementary

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



49.3059, 52.6019, 29.0272



31.8991, 31.2903, 65.3313

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.



56.9805, 52.6019, 91.6781



49.3059, 52.6019, 29.0272



44.7142, 52.6019, 94.4242

Square

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



49.3059, 52.6019, 29.0272



38.7941, 52.6019, 59.2847



50.6936, 52.6019, 99.6432



63.1713, 52.6019, 55.3103

Rectangle

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



49.3059, 52.6019, 29.0272



40.8556, 52.6019, 38.8394



50.6936, 52.6019, 99.6432



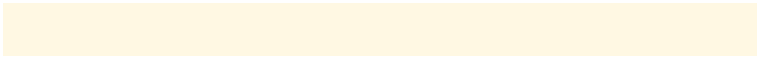
60.4083, 52.6019, 80.7779

Sweetspot

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



49.3072, 52.6043, 29.0283



88.7442, 94.0953, 86.1218



40.2607, 32.1611, 33.2582



18.8391, 19.9905, 17.8829



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.



49.3072, 52.6043, 29.0283



73.5731, 78.3229, 36.1478



48.4414, 58.7115, 30.2527



12.5525, 13.2958, 12.5168



23.9098, 23.7526, 3.3245



1.3962, 1.4468, 0.2057

Inverse Universe

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



31.8991, 31.2903, 65.3313



42.8807, 40.7639, 100.2159



32.4659, 27.4418, 64.5586



11.3912, 11.8727, 14.9349



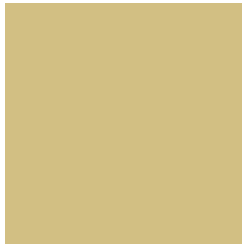
7.8705, 4.3876, 37.6246



0.5032, 0.3717, 2.1248

Previews

White Background



This preview shows how the XYZ color 49.3059, 52.6019, 29.0272 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 49.3059, 52.6019, 29.0272 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

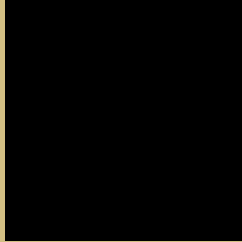
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 49.3059, 52.6019, 29.0272

Background



This preview shows how black text looks on a background with the XYZ color 49.3059, 52.6019, 29.0272.



This preview shows how white text looks on a background with the XYZ color 49.3059, 52.6019,

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

49.3059, 52.6019, 29.0272

Protanopia

48.9588, 52.7479, 29.0737

Deuteranopia

53.6872, 52.6324, 29.5198



Tritanopia

55.6268, 52.6499, 60.0539

Trichromacy



Original Color

49.3059, 52.6019, 29.0272

Protanomaly

49.2409, 52.8933, 29.0869

Deuteranomaly

52.0594, 52.7362, 29.2651

Tritanomaly

52.8333, 52.4311, 46.8708

Monochromacy



Original Color

49.3059, 52.6019, 29.0272

Achromatopsia

48.9429, 51.4918, 56.0745

Achromatomaly

48.6008, 51.5618, 44.9270

CSS Examples

Text

The CSS property to change the color of the text to XYZ 49.3059, 52.6019, 29.0272 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(210, 191, 131)` looks like.

```
.text, #text, p{  
    color:rgb(210, 191, 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(210, 191, 131) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(210, 191, 131) }
```

Border

The CSS property to change the border of an element to XYZ 49.3059, 52.6019, 29.0272 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(210, 191, 131) }
```


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

```
.border{ border-color:rgb(210, 191, 131) }
```

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

Here you see how a box with a 4 pixel `rgb(210, 191, 131)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(210, 191, 131); -webkit-box-  
shadow:4px 4px 4px 4px rgb(210, 191, 131);  
box-shadow:4px 4px 4px 4px rgb(210, 191,  
131) }
```

Background

The CSS property to change the background color of an element to XYZ 49.3059, 52.6019, 29.0272 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(210, 191, 131) }
```

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

```
.background{ background-color: rgb(210,  
191, 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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