

Converting Colors

XYZ(41.6494, 57.2454, 29.7101)

Have a look what the booklet for
XYZ(41.6494, 57.2454, 29.7101)
contains.

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Color

**XYZ(41.5893, 57.0559,
29.5898)**

Conversions

Conversions Part 1

Format	Color
Hex	9AD781
RGB	154, 215, 129
RGB Percent	60%, 84%, 51%
CMY	0.3961, 0.1568, 0.4941
CMYK	0.28, 0.00, 0.40, 0.16
HSL	103°, 52%, 67%
HSV	103°, 40%, 84%
XYZ	41.5893, 57.0559, 29.5898
YIQ	186.9570, -8.7500, -39.6780

Conversions

Conversions Part 2

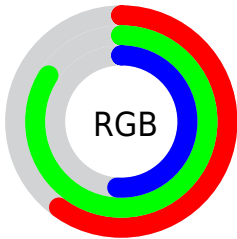
Format	Color
RYB	129, 215, 190
Decimal	10147713
CIELab	80.21, -35.11, 36.34
CIElCh	80, 50.527, 134.018
Yxy	57.0559, 0.3243, 0.4449
Android (android.graphics.Color)	4288337793 (0xFF9AD781)
YUV	186.9570, -28.5728, -28.9033
Hunter-Lab	75.5354, -33.9059, 29.6488

Details

The XYZ color **41.5893, 57.0559, 29.5898** is a light color, and the websafe version is hex **99CC66**. A complement of this color would be **41.3538, 31.5557, 68.2044**, and the grayscale version is **47.3707, 49.8377, 54.2732**.

A 20% lighter version of the original color is **70.8856, 88.6405, 58.1730**, and **19.2015, 28.4010, 11.6776** is the 20% darker color. If you saturate the color by 10%, you get **37.5876, 55.1428, 22.7114**, and if you desaturate by 10%, it is **46.2634, 59.2843, 38.0716**.

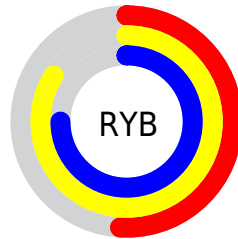
Distribution



Red (60%)

Green (84%)

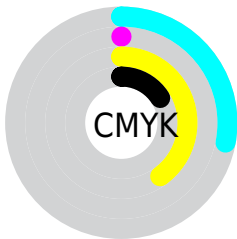
Blue (51%)



Red (51%)

Yellow (84%)

Blue (75%)

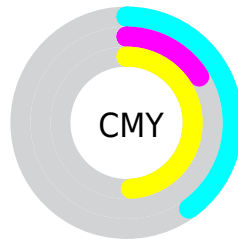


Cyan (28%)

Magenta (0%)

Yellow (40%)

Black (16%)



Cyan (40%)

Magenta (16%)

Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 41.5893, 57.0559, 29.5898 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 41.5893, 57.0559, 29.5898 by changing the saturation by 10% instead.

■ 41.5893, 57.0559,
29.5898

■ 41.5893, 57.0559,
29.5898

343.7983,
413.6587, 314.1353

■ 28.9695, 41.0501,
19.2780

■ 76.8467, 100.5467,
60.0662

■ 19.2019, 28.3583,
11.6925

■ 100.2151,
128.8006, 81.0679

■ 11.9212, 18.5959,
6.4147

■ 127.8971,
161.9060, 106.4700

■ 6.7618, 11.3786,
3.0260

160.2580,
200.2472, 136.6910

■ 3.3586, 6.3221,
1.1079

197.6632,
244.2087, 172.1495

■ 1.3461, 3.0419,
0.0000

240.4781,

■ 0.2173, 1.1537,

294.1748, 213.2640

0.0000

289.0680,
350.5301, 260.4531

■ 0.0000, 0.0234,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 41.5893, 57.0559,
29.5898

■ 41.5893, 57.0559,
29.5898

■ 37.5876, 55.1428,
22.7114

■ 46.2634, 59.2843,
38.0716

■ 34.2213, 53.5230,
17.3317


■ 51.6361, 61.8344,
48.2452


■ 31.4558, 52.1828,
13.3400


■ 57.7372, 64.7215,
60.1967


■ 29.2515, 51.1046,
10.6080


■ 64.5936, 67.9575,
74.0056

 27.5627, 50.2682,
8.9841

 72.2306, 71.5541,
89.7463

 26.3194, 49.6434,
8.1950

 80.1848, 75.3270,
104.9211

 83.5916, 77.0832,
105.0805

Harmonies

Analogous

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



49.5689, 57.0559, 21.7198



41.5893, 57.0559, 29.5898



37.3190, 57.0559, 47.7678

Triad

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



41.5893, 57.0559, 29.5898



48.9532, 57.0559, 134.2387



75.8245, 57.0559, 49.3632

Complementary

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



41.5893, 57.0559, 29.5898



41.3538, 31.5557, 68.2044

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.



75.6048, 57.0559, 79.1024



41.5893, 57.0559, 29.5898



59.1743, 57.0559, 135.0825

Square

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



41.5893, 57.0559, 29.5898



41.1880, 57.0559, 110.5099



69.2028, 57.0559, 112.5428



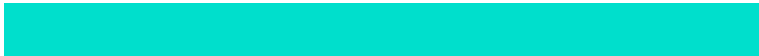
69.7698, 57.0559, 30.4372

Rectangle

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



41.5893, 57.0559, 29.5898



36.7626, 57.0559, 66.1871



69.2028, 57.0559, 112.5428



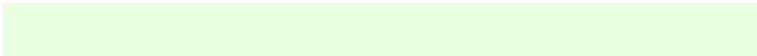
76.5037, 57.0559, 58.2310

Sweetspot

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



41.5907, 57.0584, 29.5910



82.9693, 94.2968, 84.6339



50.2298, 52.5158, 28.2589



17.4986, 20.0603, 17.6019



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.



41.5907, 57.0584, 29.5910



56.1523, 81.5467, 34.8262



38.5594, 55.3522, 35.9287



12.5982, 14.0691, 13.2123



15.8333, 29.7387, 4.9056



1.0368, 1.8359, 0.2997

Inverse Universe

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



41.3538, 31.5557, 68.2044



55.7236, 39.0114, 99.2007



46.0468, 34.2171, 57.4854



12.5851, 12.4430, 15.6760



15.2482, 7.0132, 39.0032



1.0001, 0.4644, 2.3562

Previews

White Background



This preview shows how the XYZ color 41.5893, 57.0559, 29.5898 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 41.5893, 57.0559, 29.5898 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 41.5893, 57.0559, 29.5898

Background



This preview shows how black text looks on a background with the XYZ color 41.5893, 57.0559, 29.5898.

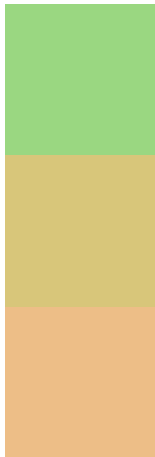


This preview shows how white text looks on a background with the XYZ color 41.5893, 57.0559,

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

41.5893, 57.0559, 29.5898

Protanopia

52.0258, 56.3922, 26.5551

Deuteranopia

57.7117, 56.5807, 30.8011



Tritanopia

50.8733, 56.7881, 75.9900

Trichromacy



Original Color

41.5893, 57.0559, 29.5898

Protanomaly

47.2869, 56.0039, 27.7196

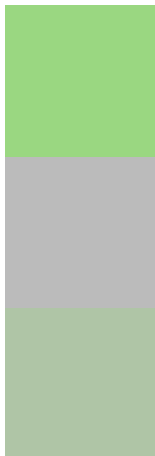
Deuteranomaly

50.3892, 55.8057, 30.3061

Tritanomaly

46.8354, 56.5921, 55.4686

Monochromacy



Original Color

41.5893, 57.0559, 29.5898

Achromatopsia

47.2335, 49.6933, 54.1160

Achromatomaly

44.5284, 51.7996, 43.7278

CSS Examples

Text

The CSS property to change the color of the text to XYZ 41.5893, 57.0559, 29.5898 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(154, 215, 129)` looks like.

```
.text, #text, p{  
    color:rgb(154, 215, 129)  
}
```

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(154, 215, 129) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(154, 215, 129) }
```

Border

The CSS property to change the border of an element to XYZ 41.5893, 57.0559, 29.5898 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(154, 215, 129) }
```


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

```
.border{ border-color:rgb(154, 215, 129) }
```

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

Here you see how a box with a 4 pixel `rgb(154, 215, 129)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(154, 215, 129); -webkit-box-  
shadow:4px 4px 4px 4px rgb(154, 215, 129);  
box-shadow:4px 4px 4px 4px rgb(154, 215,  
129) }
```

Background

The CSS property to change the background color of an element to XYZ 41.5893, 57.0559, 29.5898 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(154, 215, 129) }
```

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

```
.background{ background-color: rgb(154,  
215, 129) }
```

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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