

Converting Colors

XYZ(41.4280, 58.3283, 27.0461)

Have a look what the booklet for
XYZ(41.4280, 58.3283, 27.0461)
contains.

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Color

**XYZ(41.2851, 58.1026,
27.1281)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | 97DA79 |
| RGB | 151, 218, 121 |
| RGB Percent | 59%, 85%, 47% |
| CMY | 0.4078, 0.1451, 0.5255 |
| CMYK | 0.31, 0.00, 0.44, 0.15 |
| HSL | 101°, 57%, 66% |
| HSV | 101°, 44%, 85% |
| XYZ | 41.2851, 58.1026, 27.1281 |
| YIQ | 186.9090, -8.7950, -44.3710 |

Conversions

Conversions Part 2

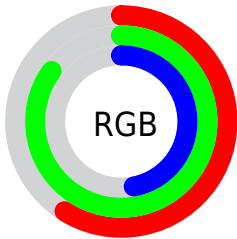
| Format | Color |
|-------------------------------------|--|
| RYB | 121, 218, 188 |
| Decimal | 9951865 |
| CIELab | 80.80, -38.56, 41.04 |
| CIElCh | 81, 56.312, 133.214 |
| Yxy | 58.1026, 0.3263, 0.4593 |
| Android (android.graphics.Color) | 4288141945 (0xFF97DA79) |
| YUV | 186.9090, -32.4931, -31.4922 |
| Hunter-Lab | 76.2251, -36.7145, 32.2565 |

Details

The XYZ color **41.2851, 58.1026, 27.1281** is a light color, and the websafe version is hex **99CC66**. A complement of this color would be **40.2339, 29.4298, 69.8928**, and the grayscale version is **47.3651, 49.8317, 54.2668**.

A 20% lighter version of the original color is **69.2300, 87.8805, 53.8713**, and **19.1324, 29.1780, 10.4179** is the 20% darker color. If you saturate the color by 10%, you get **37.4783, 56.2793, 20.7428**, and if you desaturate by 10%, it is **45.7539, 60.2358, 35.1236**.

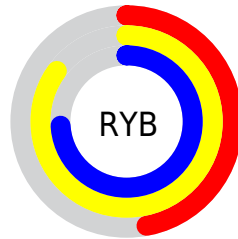
Distribution



Red (59%)

Green (85%)

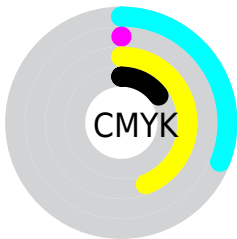
Blue (47%)



Red (47%)

Yellow (85%)

Blue (74%)

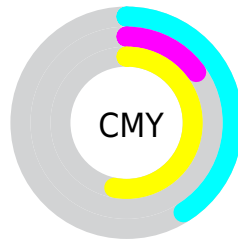


Cyan (31%)

Magenta (0%)

Yellow (44%)

Black (15%)



Cyan (41%)

Magenta (15%)

Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 41.2851, 58.1026, 27.1281 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 41.2851, 58.1026, 27.1281 by changing the saturation by 10% instead.

■ 41.2851, 58.1026,
27.1281

■ 41.2851, 58.1026,
27.1281

342.5530,
417.5681, 302.0566

■ 28.7306, 41.8911,
17.4362

■ 76.3885, 102.0723,
56.0956

■ 19.0204, 29.0161,
10.3807

■ 99.6680, 130.5992,
76.2082

■ 11.7891, 19.0930,
5.5432

■ 127.2533,
164.0002, 100.6315

■ 6.6714, 11.7375,
2.5051

159.5097,
202.6595, 129.7840

■ 3.3019, 6.5652,
0.8429

196.8025,
246.9615, 164.0842

■ 1.3154, 3.1917,
0.0000

239.4971,

■ 0.1947, 1.2326,

297.2907, 203.9507

0.0000

287.9588,
354.0315, 249.8020

0.0000, 0.0881,
0.0000

0.0000, 0.0000,
0.0000

41.2851, 58.1026,
27.1281

41.2851, 58.1026,
27.1281

37.4783, 56.2793,
20.7428

45.7539, 60.2358,
35.1236

34.2952, 54.7432,
15.8547


50.9118, 62.6854,
44.8246


31.6997, 53.4803,
12.3424


56.7894, 65.4670,
56.3231

29.6498, 52.4718,
10.0637


63.4143, 68.5930,
69.7039

 28.0962, 51.6963,
8.8454

 70.8125, 72.0749,
85.0462

 27.4161, 51.3533,
8.4672

 79.0085, 75.9240,
102.4244

 84.3626, 78.6252,
105.3375

Harmonies

Analogous

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



50.2694, 58.1026, 19.1565



41.2851, 58.1026, 27.1281



36.4638, 58.1026, 46.5131

Triad

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



41.2851, 58.1026, 27.1281



49.0155, 58.1026, 146.5141



79.9792, 58.1026, 49.7250

Complementary

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



41.2851, 58.1026, 27.1281



40.2339, 29.4298, 69.8928

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.



79.5183, 58.1026, 83.6191



41.2851, 58.1026, 27.1281



60.4956, 58.1026, 148.3299

Square

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



41.2851, 58.1026, 27.1281



40.4786, 58.1026, 118.0251



71.9945, 58.1026, 122.3543



73.1770, 58.1026, 28.7649

Rectangle

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



41.2851, 58.1026, 27.1281



35.7725, 58.1026, 66.9228



71.9945, 58.1026, 122.3543



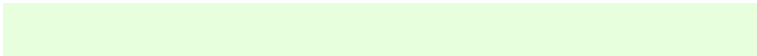
80.6942, 58.1026, 59.7408

Sweetspot

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



41.2865, 58.1051, 27.1294



82.2364, 93.9587, 82.8034



50.1975, 51.9494, 25.4715



17.1760, 19.9097, 16.8752



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.



41.2865, 58.1051, 27.1294



53.9694, 80.5167, 30.4184



37.6027, 56.0682, 33.1847



13.2634, 14.8005, 13.8833



16.5216, 30.8147, 5.0771



1.1572, 2.0411, 0.3330

Inverse Universe

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



40.2339, 29.4298, 69.8928



52.2485, 34.7937, 98.5698



46.2037, 32.7620, 58.6675



13.2022, 13.0624, 16.4776



15.2963, 7.0097, 40.2852



1.0777, 0.4988, 2.6139

Previews

White Background



This preview shows how the XYZ color 41.2851, 58.1026, 27.1281 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 41.2851, 58.1026, 27.1281 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

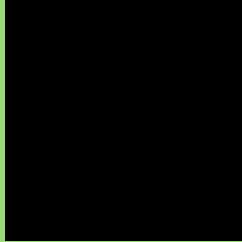
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 41.2851, 58.1026, 27.1281

Background



This preview shows how black text looks on a background with the XYZ color 41.2851, 58.1026, 27.1281.

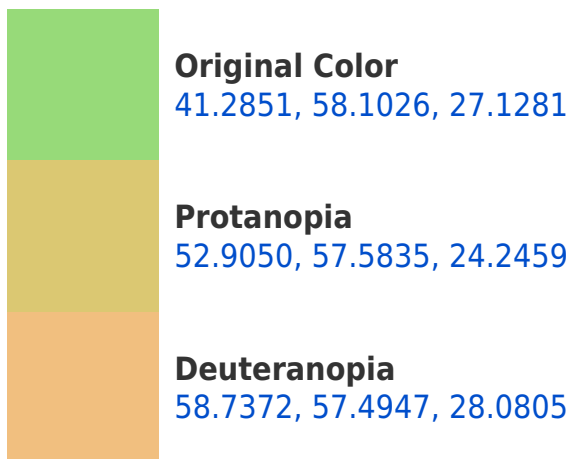


This preview shows how white text looks on a background with the XYZ color 41.2851, 58.1026,

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





Tritanopia

51.5390, 57.7952, 78.2512

Trichromacy



Original Color

41.2851, 58.1026, 27.1281

Protanomaly

47.7718, 57.3793, 25.3871

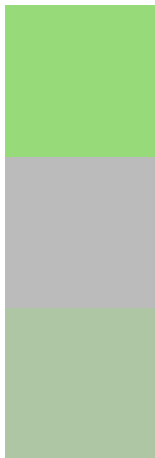
Deuteranomaly

50.6007, 56.6639, 27.6723

Tritanomaly

46.8098, 57.3197, 55.0511

Monochromacy



Original Color

41.2851, 58.1026, 27.1281

Achromatopsia

47.2335, 49.6933, 54.1160

Achromatomaly

44.2605, 52.0312, 42.3606

CSS Examples

Text

The CSS property to change the color of the text to XYZ 41.2851, 58.1026, 27.1281 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(151, 218, 121)` looks like.

```
.text, #text, p{  
    color:rgb(151, 218, 121)  
}
```

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(151, 218, 121) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(151, 218, 121) }
```

Border

The CSS property to change the border of an element to XYZ 41.2851, 58.1026, 27.1281 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(151, 218, 121) }
```


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

```
.border{ border-color:rgb(151, 218, 121) }
```

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

Here you see how a box with a 4 pixel `rgb(151, 218, 121)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(151, 218, 121); -webkit-box-  
shadow:4px 4px 4px 4px rgb(151, 218, 121);  
box-shadow:4px 4px 4px 4px rgb(151, 218,  
121) }
```

Background

The CSS property to change the background color of an element to XYZ 41.2851, 58.1026, 27.1281 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(151, 218, 121) }
```

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

```
.background{ background-color: rgb(151,  
218, 121) }
```

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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