

Converting Colors

XYZ(50.8822, 55.1067, 27.3569)

Have a look what the booklet for
XYZ(50.8822, 55.1067, 27.3569)
contains.

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Color

**XYZ(50.8822, 55.1067,
27.3569)**

Conversions

Conversions Part 1

Format	Color
Hex	D5C47D
RGB	213, 196, 125
RGB Percent	84%, 77%, 49%
CMY	0.1647, 0.2314, 0.5098
CMYK	0.00, 0.08, 0.41, 0.16
HSL	48°, 51%, 66%
HSV	48°, 41%, 84%
XYZ	50.8822, 55.1067, 27.3569
YIQ	192.9890, 32.9230, -18.4770

Conversions

Conversions Part 2

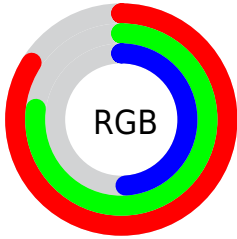
Format	Color
RYB	146, 213, 125
Decimal	14009469
CIELab	79.10, -3.94, 37.77
CIELCh	79, 37.973, 95.953
Yxy	55.1067, 0.3816, 0.4133
Android (android.graphics.Color)	4292199549 (0xFFD5C47D)
YUV	192.9890, -33.5186, 17.5496
Hunter-Lab	74.2339, -7.5599, 30.1140

Details

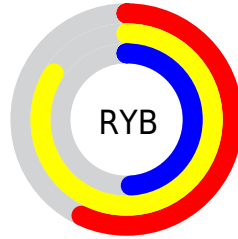
The XYZ color **50.8822, 55.1067, 27.3569** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **30.1405, 28.5092, 66.8650**, and the grayscale version is **50.8606, 53.5093, 58.2716**.

A 20% lighter version of the original color is **84.1871, 94.1355, 56.3807**, and **24.8476, 27.0221, 10.5628** is the 20% darker color. If you saturate the color by 10%, you get **48.7501, 52.7915, 20.6379**, and if you desaturate by 10%, it is **53.3343, 57.5946, 35.6234**.

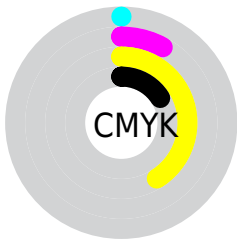
Distribution



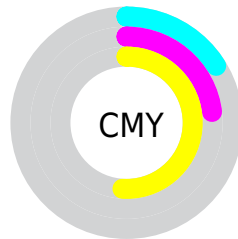
- Red (84%)
- Green (77%)
- Blue (49%)



- Red (57%)
- Yellow (84%)
- Blue (49%)



- Cyan (0%)
- Magenta (8%)
- Yellow (41%)
- Black (16%)



- Cyan (16%)
- Magenta (23%)
- Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 50.8822, 55.1067, 27.3569 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 50.8822, 55.1067, 27.3569 by changing the saturation by 10% instead.

■ 50.8822, 55.1067,
27.3569

■ 50.8822, 55.1067,
27.3569

380.5011,
406.3163, 303.1957

■ 36.3355, 39.4872,
17.6066

■ 90.6646, 97.6973,
56.4667

■ 24.8648, 27.1389,
10.5014

■ 116.6311,
125.4371, 76.6634

■ 16.1045, 17.6776,
5.6227

■ 147.1349,
157.9858, 101.1793

■ 9.6895, 10.7188,
2.5520

182.5414,
195.7277, 130.4329

■ 5.2542, 5.8781,
0.8675

223.2159,
239.0474, 164.8428

■ 2.4335, 2.7711,
0.0000

269.5238,

■ 0.8618, 1.0134,

288.3291, 204.8275

0.0000

321.8304,
343.9573, 250.8057

■ 0.0000, 0.0000,
0.0000

■ 50.8822, 55.1067,
27.3569

■ 50.8822, 55.1067,
27.3569

■ 48.7501, 52.7915,
20.6379

■ 53.3343, 57.5946,
35.6234

■ 46.9149, 50.6334,
15.3636

■ 56.1196, 60.2549,
45.5243

■ 45.3566, 48.6262,
11.4246

■ 59.2556, 63.0967,
57.1442

■ 44.0511, 46.7598,
8.6937

■ 62.7572, 66.1264,
70.5609

■ 42.9693, 45.0223,
7.0195

■ 66.6383, 69.3500,
85.8473

■ 42.1674, 43.5998,
6.1931

■ 70.9124, 72.7729,
103.0724

■ 72.3618, 75.1085,
105.2913

■ 73.4860, 77.3569,
105.6660

■ 74.6371, 79.6593,
106.0497

Harmonies

Analogous

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



58.5353, 55.1067, 29.4166



50.8822, 55.1067, 27.3569



44.2877, 55.1067, 32.1873

Triad

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



50.8822, 55.1067, 27.3569



41.4558, 55.1067, 87.9553



66.8259, 55.1067, 78.6423

Complementary

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



50.8822, 55.1067, 27.3569



30.1405, 28.5092, 66.8650

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.



61.3964, 55.1067, 100.4688



50.8822, 55.1067, 27.3569



46.6670, 55.1067, 106.6890

Square

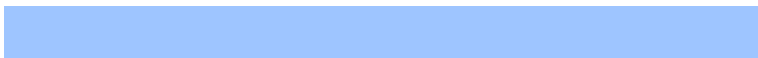
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



50.8822, 55.1067, 27.3569



39.1929, 55.1067, 64.4296



53.9013, 55.1067, 111.7471



68.2294, 55.1067, 55.7817

Rectangle

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



50.8822, 55.1067, 27.3569



41.2187, 55.1067, 39.5578



53.9013, 55.1067, 111.7471



65.3872, 55.1067, 86.4982

Sweetspot

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



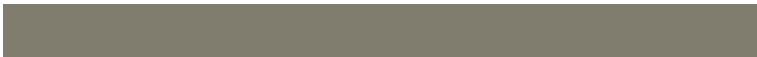
50.8836, 55.1092, 27.3580



88.6525, 94.4709, 84.3680



39.7022, 30.7850, 29.6782



18.8368, 20.0972, 17.5385



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.



50.8836, 55.1092, 27.3580



73.5053, 79.6091, 31.7419



47.8920, 59.5837, 28.3794



13.2596, 14.0933, 13.1821



25.8296, 26.7765, 3.8070



1.6114, 1.7220, 0.2474

Inverse Universe

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



30.1405, 28.5092, 66.8650



38.1253, 34.2669, 99.2125



32.1813, 26.0896, 66.2904



11.9348, 12.3930, 15.7006



7.8801, 4.0220, 38.8141



0.5334, 0.3587, 2.3604

Previews

White Background



This preview shows how the XYZ color 50.8822, 55.1067, 27.3569 looks on a white background.

Color Contrast Check

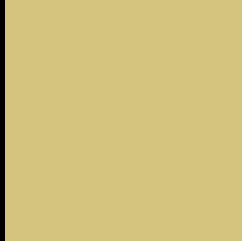
Large Text (above 18pt) WCAG AA × Fail

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 50.8822, 55.1067, 27.3569 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

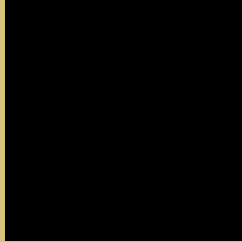
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 50.8822, 55.1067, 27.3569

Background



This preview shows how black text looks on a background with the XYZ color 50.8822, 55.1067, 27.3569.



This preview shows how white text looks on a background with the XYZ color 50.8822, 55.1067,

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

50.8822, 55.1067, 27.3569

Protanopia

50.8822, 55.1067, 27.3569

Deuteranopia

56.1932, 54.9058, 27.7149



Tritanopia

58.1317, 55.1298, 62.8356

Trichromacy



Original Color

50.8822, 55.1067, 27.3569

Protanomaly

50.8822, 55.1067, 27.3569

Deuteranomaly

54.1743, 54.8272, 27.4661

Tritanomaly

54.8697, 54.7495, 47.2109

Monochromacy



Original Color

50.8822, 55.1067, 27.3569

Achromatopsia

50.6879, 53.3276, 58.0738

Achromatomaly

50.1791, 53.6901, 44.7643

CSS Examples

Text

The CSS property to change the color of the text to XYZ 50.8822, 55.1067, 27.3569 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(213, 196, 125)` looks like.

```
.text, #text, p{  
    color:rgb(213, 196, 125)  
}
```

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(213, 196, 125) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(213, 196, 125) }
```

Border

The CSS property to change the border of an element to XYZ 50.8822, 55.1067, 27.3569 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(213, 196, 125) }
```


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

```
.border{ border-color:rgb(213, 196, 125) }
```

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

Here you see how a box with a 4 pixel `rgb(213, 196, 125)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(213, 196, 125); -webkit-box-  
shadow:4px 4px 4px 4px rgb(213, 196, 125);  
box-shadow:4px 4px 4px 4px rgb(213, 196,  
125) }
```

Background

The CSS property to change the background color of an element to XYZ 50.8822, 55.1067, 27.3569 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(213, 196, 125) }
```

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

```
.background{ background-color: rgb(213,  
196, 125) }
```

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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