

Converting Colors

XYZ(51.3786, 55.3583, 27.2030)

Have a look what the booklet for
XYZ(51.3786, 55.3583, 27.2030)
contains.

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Color

**XYZ(51.4023, 55.3822,
27.0494)**

Conversions

Conversions Part 1

Format	Color
Hex	D7C47C
RGB	215, 196, 124
RGB Percent	84%, 77%, 49%
CMY	0.1569, 0.2313, 0.5137
CMYK	0.00, 0.09, 0.42, 0.16
HSL	47°, 53%, 66%
HSV	47°, 42%, 84%
XYZ	51.4023, 55.3822, 27.0494
YIQ	193.4730, 34.4360, -18.3640

Conversions

Conversions Part 2

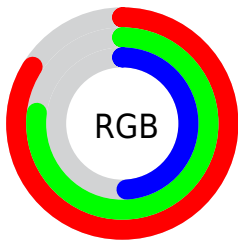
Format	Color
RYB	148, 215, 124
Decimal	14140540
CIELab	79.26, -3.24, 38.52
CIELCh	79, 38.652, 94.811
Yxy	55.3822, 0.3841, 0.4138
Android (android.graphics.Color)	4292330620 (0xFFD7C47C)
YUV	193.4730, -34.2502, 18.8792
Hunter-Lab	74.4192, -6.9414, 30.5431

Details

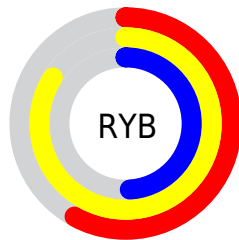
The XYZ color **51.4023, 55.3822, 27.0494** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **30.4000, 28.8352, 68.2532**, and the grayscale version is **51.1495, 53.8133, 58.6027**.

A 20% lighter version of the original color is **83.9862, 94.0551, 55.3229**, and **25.2071, 27.2113, 10.4023** is the 20% darker color. If you saturate the color by 10%, you get **49.1915, 52.9043, 20.3202**, and if you desaturate by 10%, it is **53.9426, 58.0444, 35.3521**.

Distribution



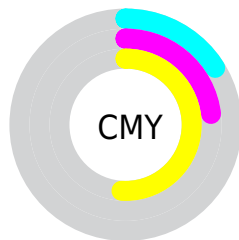
- Red (84%)
- Green (77%)
- Blue (49%)



- Red (58%)
- Yellow (84%)
- Blue (49%)



- Cyan (0%)
- Magenta (9%)
- Yellow (42%)
- Black (16%)



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

Brightness & Saturation Gradients

These gradients show how the XYZ color 51.4023, 55.3822, 27.0494 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 51.4023, 55.3822, 27.0494 by changing the saturation by 10% instead.

■ 51.4023, 55.3822,
27.0494

■ 51.4023, 55.3822,
27.0494

382.4868,
407.3591, 301.6640

■ 36.7512, 39.7078,
17.3776

■ 91.4286, 98.1007,
55.9678

■ 25.1877, 27.3108,
10.3393

■ 117.5346,
125.9136, 76.0515

■ 16.3464, 17.8068,
5.5159

■ 148.1895,
158.5415, 100.4429

■ 9.8620, 10.8114,
2.4891

183.7588,
196.3687, 129.5605

■ 5.3691, 5.9401,
0.8344

224.6079,
239.7797, 163.8228

■ 2.5024, 2.8087,
0.0000

271.1019,

■ 0.8965, 1.0327,

289.1588, 203.6485

0.0000

323.6065,
344.8905, 249.4560

■ 0.0000, 0.0000,
0.0000

■ 51.4023, 55.3822,
27.0494

■ 51.4023, 55.3822,
27.0494

■ 49.1915, 52.9043,
20.3202

■ 53.9426, 58.0444,
35.3521

■ 47.2863, 50.5947,
15.0585

■ 56.8262, 60.8907,
45.3182

■ 45.6661, 48.4467,
11.1506


■ 60.0712, 63.9308,
57.0349


■ 44.3055, 46.4497,
8.4645


■ 63.6928, 67.1713,
70.5824


■ 43.1742, 44.5912,
6.8416


■ 67.7057, 70.6184,
86.0357

 42.4220, 43.2426,
6.1108

 72.1236, 74.2779,
103.4658

 73.6581, 76.8349,
105.5562

 74.9047, 79.3279,
105.9717

 76.1834, 81.8855,
106.3979

Harmonies

Analogous

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



59.2228, 55.3822, 29.3988



51.4023, 55.3822, 27.0494



44.6009, 55.3822, 31.6663

Triad

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



51.4023, 55.3822, 27.0494



41.3530, 55.3822, 88.0166



67.2692, 55.3822, 80.2969

Complementary

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



51.4023, 55.3822, 27.0494



30.4000, 28.8352, 68.2532

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.



61.5894, 55.3822, 102.4451



51.4023, 55.3822, 27.0494



46.5624, 55.3822, 107.6129

Square

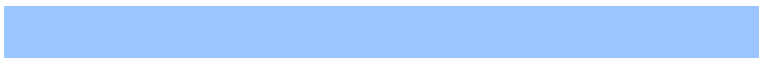
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



51.4023, 55.3822, 27.0494



39.1722, 55.3822, 63.9430



53.8956, 55.3822, 113.4511



68.8850, 55.3822, 56.8015

Rectangle

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



51.4023, 55.3822, 27.0494



41.4011, 55.3822, 38.9446



53.8956, 55.3822, 113.4511



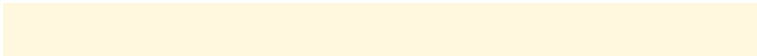
65.7464, 55.3822, 88.3136

Sweetspot

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



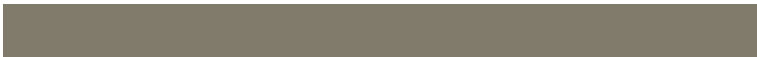
51.4037, 55.3848, 27.0505



87.9969, 93.7103, 82.4518



40.2446, 30.8678, 30.1097



18.5992, 19.8402, 16.7868



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.



51.4037, 55.3848, 27.0505



72.6420, 78.1464, 30.6404



48.9787, 60.9025, 28.2434



13.2425, 14.0593, 13.1765



25.4523, 26.0217, 3.6812



1.5917, 1.6826, 0.2409

Inverse Universe

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



30.4000, 28.8352, 68.2532



37.7438, 34.0636, 99.1934



32.0117, 25.7857, 67.5796



11.9506, 12.4245, 15.7058



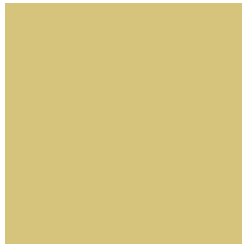
7.9571, 4.1759, 38.8398



0.5407, 0.3734, 2.3629

Previews

White Background



This preview shows how the XYZ color 51.4023, 55.3822, 27.0494 looks on a white background.

Color Contrast Check

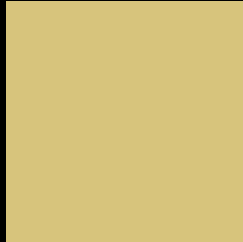
Large Text (above 18pt) WCAG AA × Fail

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 51.4023, 55.3822, 27.0494 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 51.4023, 55.3822, 27.0494

Background



This preview shows how black text looks on a background with the XYZ color 51.4023, 55.3822, 27.0494.



This preview shows how white text looks on a background with the XYZ color 51.4023, 55.3822,

27.0494.

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

51.4023, 55.3822, 27.0494

Protanopia

51.1096, 55.2312, 27.0357

Deuteranopia

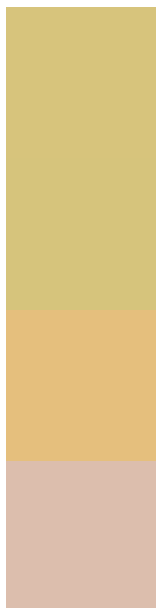
56.6742, 55.4773, 27.4598



Tritanopia

58.7444, 55.4457, 62.8643

Trichromacy



Original Color

51.4023, 55.3822, 27.0494

Protanomaly

51.1096, 55.2312, 27.0357

Deuteranomaly

54.6456, 55.4003, 27.2152

Tritanomaly

55.4715, 55.0597, 47.2391

Monochromacy



Original Color

51.4023, 55.3822, 27.0494

Achromatopsia

50.6879, 53.3276, 58.0738

Achromatomaly

50.4471, 53.8282, 44.7768

CSS Examples

Text

The CSS property to change the color of the text to XYZ 51.4023, 55.3822, 27.0494 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(215, 196, 124)` looks like.

```
.text, #text, p{  
    color:rgb(215, 196, 124)  
}
```

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(215, 196, 124) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(215, 196, 124) }
```

Border

The CSS property to change the border of an element to XYZ 51.4023, 55.3822, 27.0494 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(215, 196, 124) }
```


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

```
.border{ border-color:rgb(215, 196, 124) }
```

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

Here you see how a box with a 4 pixel `rgb(215, 196, 124)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(215, 196, 124); -webkit-box-  
shadow:4px 4px 4px 4px rgb(215, 196, 124);  
box-shadow:4px 4px 4px 4px rgb(215, 196,  
124) }
```

Background

The CSS property to change the background color of an element to XYZ 51.4023, 55.3822, 27.0494 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(215, 196, 124) }
```

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

```
.background{ background-color: rgb(215,  
196, 124) }
```

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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