

Converting Colors

XYZ(55.0460, 55.7611, 28.7012)

Have a look what the booklet for
XYZ(55.0460, 55.7611, 28.7012)
contains.

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Color

**XYZ(55.1252, 55.9423,
28.6614)**

Conversions

Conversions Part 1

Format	Color
Hex	E5C081
RGB	229, 192, 129
RGB Percent	90%, 75%, 51%
CMY	0.1020, 0.2470, 0.4941
CMYK	0.00, 0.16, 0.44, 0.10
HSL	38°, 66%, 70%
HSV	38°, 44%, 90%
XYZ	55.1252, 55.9423, 28.6614
YIQ	195.8810, 42.2750, -11.7490

Conversions

Conversions Part 2

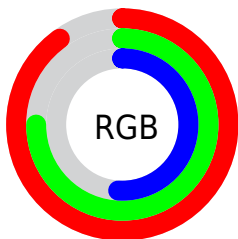
Format	Color
RYB	188, 229, 129
Decimal	15057025
CIELab	79.58, 4.99, 36.62
CIElCh	80, 36.956, 82.247
Yxy	55.9423, 0.3945, 0.4004
Android (android.graphics.Color)	4293247105 (0xFFE5C081)
YUV	195.8810, -32.9723, 29.0454
Hunter-Lab	74.7946, 0.6678, 29.6362

Details

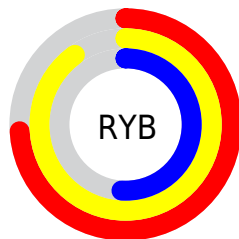
The XYZ color **55.1252, 55.9423, 28.6614** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **36.8318, 37.5953, 79.4440**, and the grayscale version is **52.5729, 55.3108, 60.2334**.

A 20% lighter version of the original color is **83.3546, 91.8137, 58.1283**, and **27.6572, 27.8004, 11.3055** is the 20% darker color. If you saturate the color by 10%, you get **51.9638, 51.7885, 20.9209**, and if you desaturate by 10%, it is **58.7376, 60.4520, 38.2363**.

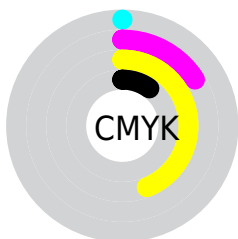
Distribution



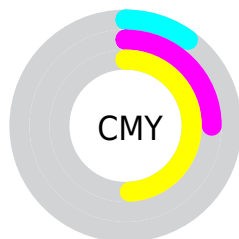
- Red (90%)
- Green (75%)
- Blue (51%)



- Red (74%)
- Yellow (90%)
- Blue (51%)



- Cyan (0%)
- Magenta (16%)
- Yellow (44%)
- Black (10%)





- Cyan (10%)
- Magenta (25%)
- Yellow (49%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 55.1252, 55.9423, 28.6614 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 55.1252, 55.9423, 28.6614 by changing the saturation by 10% instead.


 55.1252, 55.9423,
28.6614


 55.1252, 55.9423,
28.6614


396.5150,
409.4740, 309.6248


 39.7362, 40.1567,
18.5815


 96.8716, 98.9202,
58.5744

 27.5162, 27.6607,
11.1945


 123.9598,
126.8813, 79.2446

 18.0999, 18.0701,
6.0820


 155.6783,
159.6696, 104.2819

 11.1218, 11.0003,
2.8254

192.3927,
197.6696, 134.1049

 6.2167, 6.0670,
1.0062

234.4682,
241.2656, 169.1322

 3.0192, 2.8859,
0.0000

282.2702,

 1.1639, 1.0724,

290.8421, 209.7822

0.0000

336.1640,
346.7834, 256.4736

■ 0.0776, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 55.1252, 55.9423,
28.6614

■ 55.1252, 55.9423,
28.6614

■ 51.9638, 51.7885,
20.9209

■ 58.7376, 60.4520,
38.2363

■ 49.2243, 47.9699,
14.8893


■ 62.8195, 65.3215,
49.7529


■ 46.8805, 44.4751,
10.4306


■ 67.3933, 70.5646,
63.3143

■ 44.9005, 41.2884,
7.3865

■ 72.4785, 76.1918,
79.0153


 43.2459, 38.3913,
5.5645

 78.0934, 82.2130,
96.9447

 42.3291, 36.6901,
4.8509

 82.3647, 87.8814,
107.2295

 84.9566, 93.0651,
108.0934

 86.1230, 95.3980,
108.4822

Harmonies

Analogous

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



62.4220, 55.9423, 33.9166



55.1252, 55.9423, 28.6614



47.9361, 55.9423, 30.3109

Triad

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



55.1252, 55.9423, 28.6614



40.9970, 55.9423, 77.7809



65.3061, 55.9423, 89.6039

Complementary

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



55.1252, 55.9423, 28.6614



36.8318, 37.5953, 79.4440

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.



58.7748, 55.9423, 107.2574



55.1252, 55.9423, 28.6614



44.8832, 55.9423, 99.3965

Square

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



55.1252, 55.9423, 28.6614



40.2164, 55.9423, 55.5491



51.2645, 55.9423, 111.2069



68.6469, 55.9423, 66.6087

Rectangle

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



55.1252, 55.9423, 28.6614



44.1198, 55.9423, 35.3339



51.2645, 55.9423, 111.2069



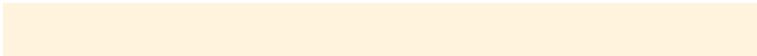
63.3835, 55.9423, 96.5609

Sweetspot

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



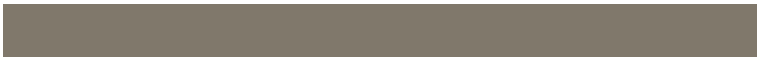
55.1266, 55.9449, 28.6625



86.3764, 90.4693, 81.9117



47.1696, 35.1614, 41.0223



18.1970, 19.0358, 16.6527



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.



55.1266, 55.9449, 28.6625



66.8358, 66.7913, 27.9119



60.6963, 72.4264, 31.5502



15.1300, 15.8738, 15.1710



24.3206, 21.2154, 2.8131



1.8853, 1.7440, 0.2373

Inverse Universe

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



36.8318, 37.5953, 79.4440



40.7818, 40.6848, 100.3113



32.9215, 26.9919, 77.6034



14.0173, 14.7561, 18.2537



10.0365, 7.1350, 43.2314



0.8282, 0.7003, 3.2235

Previews

White Background



This preview shows how the XYZ color 55.1252, 55.9423, 28.6614 looks on a white background.

Color Contrast Check

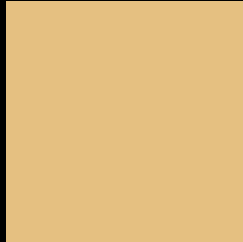
Large Text (above 18pt) WCAG AA × Fail

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 55.1252, 55.9423, 28.6614 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 55.1252, 55.9423, 28.6614

Background



This preview shows how black text looks on a background with the XYZ color 55.1252, 55.9423, 28.6614.



This preview shows how white text looks on a background with the XYZ color 55.1252, 55.9423,

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

55.1252, 55.9423, 28.6614

Protanopia

51.7945, 55.8673, 29.5263

Deuteranopia

57.1519, 56.0114, 28.9181



Tritanopia

61.7186, 55.7771, 60.9392

Trichromacy



Original Color

55.1252, 55.9423, 28.6614

Protanomaly

52.7578, 55.7020, 29.0900

Deuteranomaly

56.3744, 55.9310, 28.9436

Tritanomaly

58.7060, 55.4586, 47.1456

Monochromacy



Original Color

55.1252, 55.9423, 28.6614

Achromatopsia

52.4687, 55.2011, 60.1140

Achromatomaly

52.9739, 55.4187, 46.9346

CSS Examples

Text

The CSS property to change the color of the text to XYZ 55.1252, 55.9423, 28.6614 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(229, 192, 129)` looks like.

```
.text, #text, p{  
    color:rgb(229, 192, 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(229, 192, 129) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(229, 192, 129) }
```

Border

The CSS property to change the border of an element to XYZ 55.1252, 55.9423, 28.6614 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(229, 192, 129) }
```


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

```
.border{ border-color:rgb(229, 192, 129) }
```

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

Here you see how a box with a 4 pixel `rgb(229, 192, 129)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(229, 192, 129); -webkit-box-shadow:4px 4px 4px 4px rgb(229, 192, 129); box-shadow:4px 4px 4px 4px rgb(229, 192, 129) }
```

Background

The CSS property to change the background color of an element to XYZ 55.1252, 55.9423, 28.6614 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(229, 192, 129) }
```

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

```
.background{ background-color: rgb(229,  
192, 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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