

Converting Colors

XYZ(55.3492, 52.7217, 27.9298)

Have a look what the booklet for
XYZ(55.3492, 52.7217, 27.9298)
contains.

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Color

**XYZ(55.4114, 52.6373,
28.0084)**

Conversions

Conversions Part 1

Format	Color
Hex	EDB581
RGB	237, 181, 129
RGB Percent	93%, 71%, 51%
CMY	0.0706, 0.2902, 0.4941
CMYK	0.00, 0.24, 0.46, 0.07
HSL	29°, 75%, 72%
HSV	29°, 46%, 93%
XYZ	55.4114, 52.6373, 28.0084
YIQ	191.8160, 50.0680, -4.3000

Conversions

Conversions Part 2

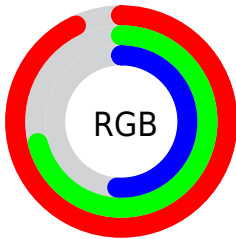
Format	Color
R_{YB}	237, 229, 129
Decimal	15578497
CIE _{Lab}	77.66, 13.98, 34.29
CIE _{LCh}	78, 37.030, 67.812
Yxy	52.6373, 0.4073, 0.3869
Android (android.graphics.Color)	4293768577 (0xFFEDB581)
YUV	191.8160, -30.9683, 39.6264
Hunter-Lab	72.5516, 9.3645, 27.8973

Details

The XYZ color **55.4114, 52.6373, 28.0084** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **41.6875, 45.4776, 86.7015**, and the grayscale version is **50.1512, 52.7630, 57.4589**.

A 20% lighter version of the original color is **79.9677, 85.2058, 56.4876**, and **27.7209, 25.5866, 10.8748** is the 20% darker color. If you saturate the color by 10%, you get **51.6260, 47.3020, 19.8553**, and if you desaturate by 10%, it is **59.7852, 58.5646, 38.1611**.

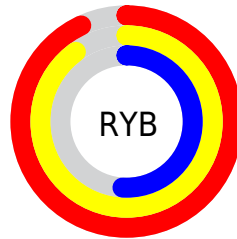
Distribution



Red (93%)

Green (71%)

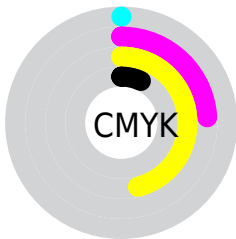
Blue (51%)



Red (93%)

Yellow (90%)

Blue (51%)

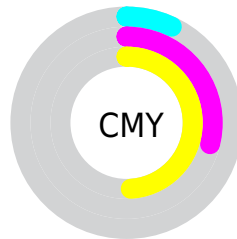


Cyan (0%)

Magenta (24%)

Yellow (46%)

Black (7%)



Cyan (7%)


Magenta (29%)


Yellow (49%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 55.4114, 52.6373, 28.0084 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 55.4114, 52.6373, 28.0084 by changing the saturation by 10% instead.


 55.4114, 52.6373,
28.0084

 55.4114, 52.6373,
28.0084


397.5806,
396.8920, 306.4203


 39.9663, 37.5133,
18.0929

 97.2883, 94.0704,
57.5211

 27.6964, 25.6052,
10.8466

 124.4508,
121.1484, 77.9554

 18.2362, 16.5285,
5.8509


 156.2499,
152.9798, 102.7330

 11.2204, 9.8989,
2.6873

193.0508,
189.9490, 132.2726

 6.2837, 5.3320,
0.9370

235.2190,
232.4404, 166.9925

 3.0606, 2.4433,
0.0000

283.1198,

 1.1859, 0.8480,

280.8385, 207.3114

0.0000

337.1185,
335.5275, 253.6478

■ 0.0952, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 55.4114, 52.6373,
28.0084

■ 55.4114, 52.6373,
28.0084

■ 51.6260, 47.3020,
19.8553

■ 59.7852, 58.5646,
38.1611

■ 48.3938, 42.5295,
13.5618


■ 64.7720, 65.0965,
50.4340


■ 45.6812, 38.2989,
8.9747


■ 70.3997, 72.2544,
64.9420

■ 43.4483, 34.5845,
5.9142


■ 76.6932, 80.0566,
81.7904

 41.6472, 31.3568,
4.1591

 83.6757, 88.5202,
101.0781

 40.9562, 30.0669,
3.6449

 88.6496, 96.5738,
108.5760

 88.7350, 96.7445,
108.6045

Harmonies

Analogous

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



61.7136, 52.6373, 36.3802



55.4114, 52.6373, 28.0084



48.1822, 52.6373, 26.4537

Triad

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



55.4114, 52.6373, 28.0084



37.5929, 52.6373, 62.8408



58.9538, 52.6373, 94.4455

Complementary

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



55.4114, 52.6373, 28.0084



41.6875, 45.4776, 86.7015

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.



51.9248, 52.6373, 105.9205



55.4114, 52.6373, 28.0084



39.9231, 52.6373, 85.0422

Square

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



55.4114, 52.6373, 28.0084



38.3348, 52.6373, 43.6756



45.0091, 52.6373, 102.1210



63.8909, 52.6373, 73.5294

Rectangle

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



55.4114, 52.6373, 28.0084



43.8779, 52.6373, 29.0350



45.0091, 52.6373, 102.1210



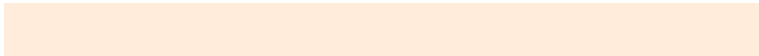
56.7322, 52.6373, 99.7370

Sweetspot

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



55.4127, 52.6398, 28.0094



84.2027, 86.6642, 79.5150



51.7024, 37.2763, 51.2599



17.6951, 18.1388, 16.1565



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.



55.4127, 52.6398, 28.0094



61.1065, 56.0648, 23.7453



68.1398, 78.0940, 32.2518



15.6640, 16.2510, 15.8299



22.4907, 16.6756, 2.0333



1.8620, 1.5012, 0.1916

Inverse Universe

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



41.6875, 45.4776, 86.7015



42.9566, 46.5862, 101.3357



32.6727, 27.4479, 83.6965



14.8772, 15.8409, 19.1957



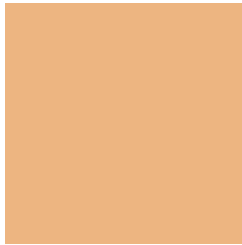
12.3366, 11.3203, 45.2778



1.0650, 1.0815, 3.5875

Previews

White Background



This preview shows how the XYZ color 55.4114, 52.6373, 28.0084 looks on a white background.

Color Contrast Check

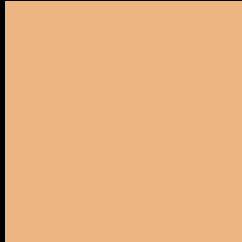
Large Text (above 18pt) WCAG AA × Fail

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 55.4114, 52.6373, 28.0084 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

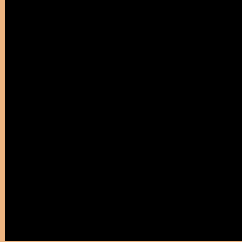
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 55.4114, 52.6373, 28.0084

Background



This preview shows how black text looks on a background with the XYZ color 55.4114, 52.6373, 28.0084.



This preview shows how white text looks on a background with the XYZ color 55.4114, 52.6373,

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

55.4114, 52.6373, 28.0084

Protanopia

49.1651, 52.8304, 30.1603

Deuteranopia

53.6699, 52.6625, 27.7582



Tritanopia

60.7236, 52.7372, 53.9925

Trichromacy



Original Color

55.4114, 52.6373, 28.0084

Protanomaly

51.3615, 52.6925, 29.2934

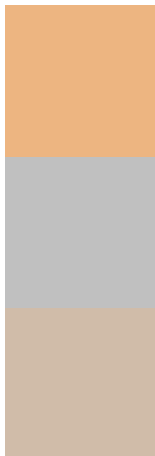
Deuteranomaly

54.4340, 52.7491, 27.7347

Tritanomaly

58.5403, 52.7227, 43.1675

Monochromacy



Original Color

55.4114, 52.6373, 28.0084

Achromatopsia

50.1023, 52.7115, 57.4028

Achromatomaly

51.1571, 52.2409, 44.9234

CSS Examples

Text

The CSS property to change the color of the text to XYZ 55.4114, 52.6373, 28.0084 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(237, 181, 129)` looks like.

```
.text, #text, p{  
    color:rgb(237, 181, 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(237, 181, 129) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(237, 181, 129) }
```

Border

The CSS property to change the border of an element to XYZ 55.4114, 52.6373, 28.0084 is called "border". The border property can be set on classes, ids or directly on the HTML element.

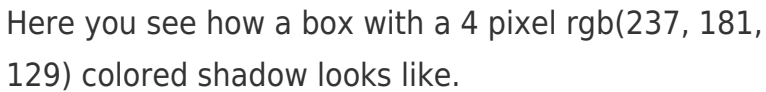
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(237, 181, 129) }
```


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

```
.border{ border-color:rgb(237, 181, 129) }
```

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



Here you see how a box with a 4 pixel `rgb(237, 181, 129)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(237, 181, 129); -webkit-box-shadow:4px 4px 4px 4px rgb(237, 181, 129); box-shadow:4px 4px 4px 4px rgb(237, 181, 129) }
```

Background

The CSS property to change the background color of an element to XYZ 55.4114, 52.6373, 28.0084 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(237, 181, 129) }
```

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

```
.background{ background-color: rgb(237,  
181, 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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