

Converting Colors

XYZ(54.2055, 55.0410, 28.9868)

Have a look what the booklet for
XYZ(54.2055, 55.0410, 28.9868)
contains.

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Color

**XYZ(54.3386, 55.2042,
28.9106)**

Conversions

Conversions Part 1

Format	Color
Hex	E3BF82
RGB	227, 191, 130
RGB Percent	89%, 75%, 51%
CMY	0.1098, 0.2510, 0.4902
CMYK	0.00, 0.16, 0.43, 0.11
HSL	38°, 63%, 70%
HSV	38°, 43%, 89%
XYZ	54.3386, 55.2042, 28.9106
YIQ	194.8100, 41.0370, -11.3390

Conversions

Conversions Part 2

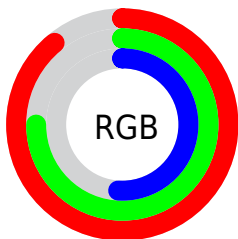
Format	Color
RYB	187, 227, 130
Decimal	14925698
CIELab	79.16, 4.81, 35.52
CIELCh	79, 35.844, 82.284
Yxy	55.2042, 0.3925, 0.3987
Android (android.graphics.Color)	4293115778 (0xFFE3BF82)
YUV	194.8100, -31.9513, 28.2306
Hunter-Lab	74.2995, 0.5209, 28.9394

Details

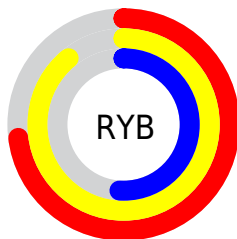
The XYZ color **54.3386, 55.2042, 28.9106** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **36.7068, 37.5629, 77.9886**, and the grayscale version is **51.9269, 54.6311, 59.4933**.

A 20% lighter version of the original color is **83.1525, 91.2422, 58.5763**, and **27.1140, 27.3022, 11.4302** is the 20% darker color. If you saturate the color by 10%, you get **51.1957, 51.0937, 21.1571**, and if you desaturate by 10%, it is **57.9260, 59.6657, 38.4717**.

Distribution



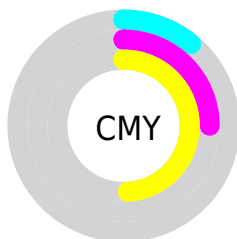
- Red (89%)
- Green (75%)
- Blue (51%)



- Red (73%)
- Yellow (89%)
- Blue (51%)



- Cyan (0%)
- Magenta (16%)
- Yellow (43%)
- Black (11%)



- Cyan (11%)
- Magenta (25%)
- Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 54.3386, 55.2042, 28.9106 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 54.3386, 55.2042, 28.9106 by changing the saturation by 10% instead.

■ 54.3386, 55.2042,
28.9106

■ 54.3386, 55.2042,
28.9106

393.5772,
406.6855, 310.8406

■ 39.1042, 39.5652,
18.7682

■ 95.7252, 97.8401,
58.9755

■ 27.0219, 27.1997,
11.3278

■ 122.6081,
125.6058, 79.7351

■ 17.7263, 17.7233,
6.1708

■ 154.1045,
158.1825, 104.8708

■ 10.8522, 10.7515,
2.8788

190.5799,
195.9547, 134.8013

■ 6.0341, 5.9000,
1.0331

232.3994,
239.3067, 169.9449

■ 2.9067, 2.7844,
0.0000

279.9286,

■ 1.1046, 1.0202,

288.6229, 210.7203

0.0000

333.5327,
344.2877, 257.5461

■ 0.0290, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 54.3386, 55.2042,
28.9106

■ 54.3386, 55.2042,
28.9106

■ 51.1957, 51.0937,
21.1571

■ 57.9260, 59.6657,
38.4717

■ 48.4692, 47.3140,
15.0896


■ 61.9759, 64.4819,
49.9445


■ 46.1335, 43.8539,
10.5765


■ 66.5100, 69.6662,
63.4292


■ 44.1579, 40.6983,
7.4652


■ 71.5474, 75.2290,
79.0180


 42.5056, 37.8294,
5.5716

 77.1059, 81.1800,
96.7973

 41.4657, 35.9053,
4.7449

 81.3459, 86.7857,
107.0717

 83.9049, 91.9036,
107.9247

 85.4885, 95.0709,
108.4525

Harmonies

Analogous

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



61.3430, 55.2042, 34.0194



54.3386, 55.2042, 28.9106



47.4247, 55.2042, 30.5271

Triad

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



54.3386, 55.2042, 28.9106



40.7429, 55.2042, 76.3186



64.1212, 55.2042, 87.5729

Complementary

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



54.3386, 55.2042, 28.9106



36.7068, 37.5629, 77.9886

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.



57.8609, 55.2042, 104.4277



54.3386, 55.2042, 28.9106



44.4966, 55.2042, 96.9685

Square

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



54.3386, 55.2042, 28.9106



39.9849, 55.2042, 54.9722



50.6446, 55.2042, 108.2090



67.3159, 55.2042, 65.5541

Rectangle

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



54.3386, 55.2042, 28.9106



43.7484, 55.2042, 35.4192



50.6446, 55.2042, 108.2090



62.2798, 55.2042, 94.2186

Sweetspot

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



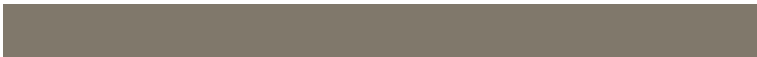
54.3400, 55.2068, 28.9117



86.3652, 90.4469, 81.9079



46.6535, 35.0935, 40.9635



18.1942, 19.0303, 16.6518



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.



54.3400, 55.2068, 28.9117



67.1886, 67.2397, 28.8226



59.7239, 71.1006, 31.6958



15.1286, 15.8710, 15.1705



24.2982, 21.1706, 2.8057



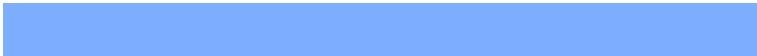
1.8838, 1.7409, 0.2367

Inverse Universe

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



36.7068, 37.5629, 77.9886



41.4838, 41.5435, 100.4400



32.8867, 27.2025, 76.1902



14.0187, 14.7588, 18.2542



10.0483, 7.1587, 43.2353



0.8291, 0.7022, 3.2238

Previews

White Background



This preview shows how the XYZ color 54.3386, 55.2042, 28.9106 looks on a white background.

Color Contrast Check

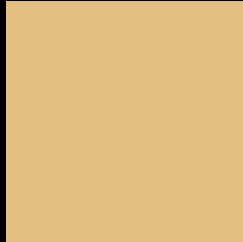
Large Text (above 18pt) WCAG AA × Fail

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 54.3386, 55.2042, 28.9106 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 54.3386, 55.2042, 28.9106

Background



This preview shows how black text looks on a background with the XYZ color 54.3386, 55.2042, 28.9106.

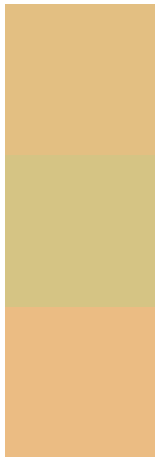


This preview shows how white text looks on a background with the XYZ color 54.3386, 55.2042,

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

54.3386, 55.2042, 28.9106

Protanopia

51.3454, 55.2919, 29.7960

Deuteranopia

56.3409, 55.2673, 29.1709



Tritanopia

60.9432, 55.3906, 60.3027

Trichromacy



Original Color

54.3386, 55.2042, 28.9106

Protanomaly

52.3020, 55.1277, 29.3568

Deuteranomaly

55.5730, 55.1897, 29.1964

Tritanomaly

58.0567, 55.1239, 47.1152

Monochromacy



Original Color

54.3386, 55.2042, 28.9106

Achromatopsia

51.8711, 54.5724, 59.4294

Achromatomaly

52.3746, 54.7892, 46.3430

CSS Examples

Text

The CSS property to change the color of the text to XYZ 54.3386, 55.2042, 28.9106 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(227, 191, 130)` looks like.

```
.text, #text, p{  
    color:rgb(227, 191, 130)  
}
```

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(227, 191, 130) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(227, 191, 130) }
```

Border

The CSS property to change the border of an element to XYZ 54.3386, 55.2042, 28.9106 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(227, 191, 130) }
```


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

```
.border{ border-color:rgb(227, 191, 130) }
```

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

Here you see how a box with a 4 pixel `rgb(227, 191, 130)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(227, 191, 130); -webkit-box-  
shadow:4px 4px 4px 4px rgb(227, 191, 130);  
box-shadow:4px 4px 4px 4px rgb(227, 191,  
130) }
```

Background

The CSS property to change the background color of an element to XYZ 54.3386, 55.2042, 28.9106 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(227, 191, 130) }
```

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

```
.background{ background-color: rgb(227,  
191, 130) }
```

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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