

Converting Colors

XYZ(55.6097, 55.5643, 29.0642)

Have a look what the booklet for
XYZ(55.6097, 55.5643, 29.0642)
contains.

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Color

**XYZ(55.7214, 55.5944,
28.9131)**

Conversions

Conversions Part 1

Format	Color
Hex	E8BE82
RGB	232, 190, 130
RGB Percent	91%, 75%, 51%
CMY	0.0902, 0.2549, 0.4902
CMYK	0.00, 0.18, 0.44, 0.09
HSL	35°, 69%, 71%
HSV	35°, 44%, 91%
XYZ	55.7214, 55.5944, 28.9131
YIQ	195.7180, 44.2920, -9.7560

Conversions

Conversions Part 2

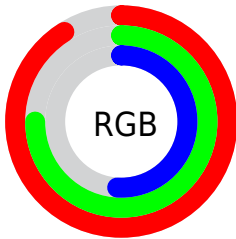
Format	Color
R_YB	201, 232, 130
Decimal	15253122
CIE Lab	79.38, 7.34, 35.90
CIE LCh	79, 36.644, 78.447
Yxy	55.5944, 0.3974, 0.3965
Android (android.graphics.Color)	4293443202 (0xFFE8BE82)
YUV	195.7180, -32.3990, 31.8193
Hunter-Lab	74.5617, 2.9137, 29.2020

Details

The XYZ color **55.7214, 55.5944, 28.9131** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **38.5234, 40.0756, 82.0487**, and the grayscale version is **52.4709, 55.2035, 60.1166**.

A 20% lighter version of the original color is **82.8475, 90.6322, 58.4746**, and **27.8492, 27.4692, 11.4237** is the 20% darker color. If you saturate the color by 10%, you get **52.3352, 51.0394, 20.9486**, and if you desaturate by 10%, it is **59.5971, 60.5663, 38.7739**.

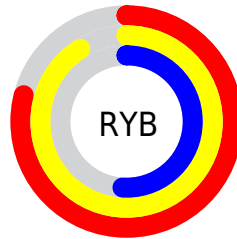
Distribution



Red (91%)

Green (75%)

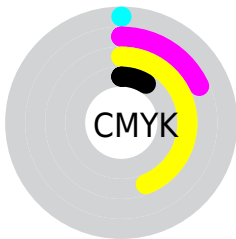
Blue (51%)



Red (79%)

Yellow (91%)

Blue (51%)

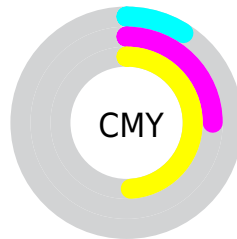


Cyan (0%)

Magenta (18%)

Yellow (44%)

Black (9%)



Cyan (9%)


Magenta (25%)


Yellow (49%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 55.7214, 55.5944, 28.9131 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 55.7214, 55.5944, 28.9131 by changing the saturation by 10% instead.


 55.7214, 55.5944,
28.9131

 55.7214, 55.5944,
28.9131


398.7328,
408.1612, 310.8528


 40.2157, 39.8778,
18.7701


 97.7393, 98.4113,
58.9795

 27.8917, 27.4433,
11.3291


 124.9822,
126.2804, 79.7400

 18.3841, 17.9064,
6.1717


 156.8683,
158.9692, 104.8767

 11.3275, 10.8828,
2.8793

193.7628,
196.8619, 134.8082

 6.3564, 5.9881,
1.0333

236.0311,
240.3431, 169.9531

 3.1057, 2.8378,
0.0000

284.0387,

 1.2099, 1.0477,

289.7971, 210.7297

0.0000

338.1508,
345.6083, 257.5568

■ 0.1142, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 55.7214, 55.5944,
28.9131

■ 55.7214, 55.5944,
28.9131

■ 52.3352, 51.0394,
20.9486

■ 59.5971, 60.5663,
38.7739

■ 49.4078, 46.8787,
14.7504


■ 63.9823, 65.9609,
50.6427


■ 46.9112, 43.0988,
10.1773


■ 68.9007, 71.7937,
64.6261


■ 44.8114, 39.6819,
7.0645


■ 74.3732, 78.0768,
80.8226

 43.0677, 36.6072,
5.2115

 80.4195, 84.8218,
99.3240

 42.1509, 34.9003,
4.5148

 84.6862, 91.0909,
107.7266

 87.0886, 95.8958,
108.5274

Harmonies

Analogous

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



62.7779, 55.5944, 35.0203



55.7214, 55.5944, 28.9131



48.4950, 55.5944, 29.6894

Triad

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



55.7214, 55.5944, 28.9131



40.5390, 55.5944, 74.2607



64.1351, 55.5944, 91.5364

Complementary

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



55.7214, 55.5944, 28.9131



38.5234, 40.0756, 82.0487

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.



57.4388, 55.5944, 107.6038



55.7214, 55.5944, 28.9131



44.0119, 55.5944, 96.1441

Square

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



55.7214, 55.5944, 28.9131



40.1716, 55.5944, 52.7849



50.0612, 55.5944, 109.4623



67.9276, 55.5944, 69.0042

Rectangle

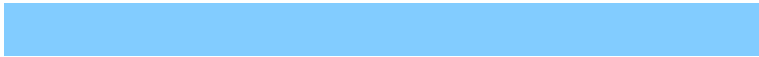
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



55.7214, 55.5944, 28.9131



44.5334, 55.5944, 34.0503



50.0612, 55.5944, 109.4623



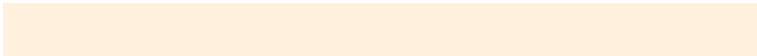
62.1219, 55.5944, 98.0766

Sweetspot

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



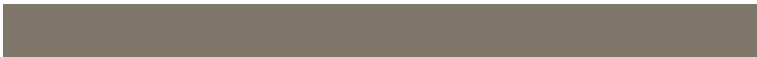
55.7228, 55.5970, 28.9142



85.9642, 89.6449, 81.7743



48.7561, 36.1194, 43.6845



18.0950, 18.8319, 16.6187



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.



55.7228, 55.5970, 28.9142



65.1267, 63.6238, 26.5697



63.4716, 75.0923, 32.2688



15.0781, 15.7701, 15.1537



23.5276, 19.6293, 2.5488



1.8296, 1.6325, 0.2187

Inverse Universe

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



38.5234, 40.0756, 82.0487



41.2010, 42.0545, 100.5536



33.1128, 27.2382, 79.8560



14.0678, 14.8569, 18.2706



10.5011, 8.0643, 43.3863



0.8657, 0.7752, 3.2360

Previews

White Background



This preview shows how the XYZ color 55.7214, 55.5944, 28.9131 looks on a white background.

Color Contrast Check

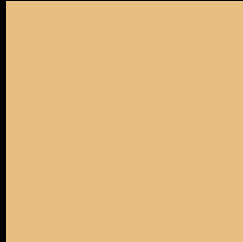
Large Text (above 18pt) WCAG AA × Fail

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 55.7214, 55.5944, 28.9131 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

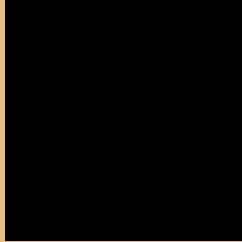
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 55.7214, 55.5944, 28.9131

Background



This preview shows how black text looks on a background with the XYZ color 55.7214, 55.5944, 28.9131.



This preview shows how white text looks on a background with the XYZ color 55.7214, 55.5944,

28.9131.

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

55.7214, 55.5944, 28.9131

Protanopia

51.6405, 55.7721, 30.2336

Deuteranopia

56.6046, 55.4110, 28.8311



Tritanopia

61.9516, 55.6186, 59.6948

Trichromacy



Original Color

55.7214, 55.5944, 28.9131

Protanomaly

52.9718, 55.4652, 29.7437

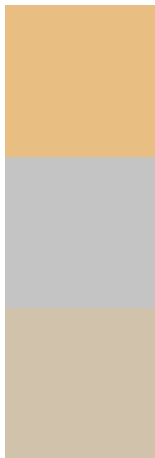
Deuteranomaly

56.4878, 55.6691, 28.8871

Tritanomaly

59.3874, 55.5093, 46.6140

Monochromacy



Original Color

55.7214, 55.5944, 28.9131

Achromatopsia

52.4687, 55.2011, 60.1140

Achromatomaly

53.0327, 55.1174, 46.8733

CSS Examples

Text

The CSS property to change the color of the text to XYZ 55.7214, 55.5944, 28.9131 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(232, 190, 130)` looks like.

```
.text, #text, p{  
    color:rgb(232, 190, 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(232, 190, 130) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(232, 190, 130) }
```

Border

The CSS property to change the border of an element to XYZ 55.7214, 55.5944, 28.9131 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(232, 190, 130) }
```


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

```
.border{ border-color:rgb(232, 190, 130) }
```

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

Here you see how a box with a 4 pixel `rgb(232, 190, 130)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(232, 190, 130); -webkit-box-  
shadow:4px 4px 4px 4px rgb(232, 190, 130);  
box-shadow:4px 4px 4px 4px rgb(232, 190,  
130) }
```

Background

The CSS property to change the background color of an element to XYZ 55.7214, 55.5944, 28.9131 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(232, 190, 130) }
```

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

```
.background{ background-color: rgb(232,  
190, 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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