

Converting Colors

XYZ(54.8286, 52.7407, 31.8295)

Have a look what the booklet for
XYZ(54.8286, 52.7407, 31.8295)
contains.

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Color

**XYZ(54.8724, 52.8869,
31.7422)**

Conversions

Conversions Part 1

Format	Color
Hex	E8B78B
RGB	232, 183, 139
RGB Percent	91%, 72%, 55%
CMY	0.0902, 0.2823, 0.4549
CMYK	0.00, 0.21, 0.40, 0.09
HSL	28°, 67%, 73%
HSV	28°, 40%, 91%
XYZ	54.8724, 52.8869, 31.7422
YIQ	192.6350, 43.3280, -3.2960

Conversions

Conversions Part 2

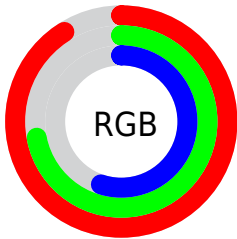
Format	Color
R _Y B	232, 223, 139
Decimal	15251339
CIE Lab	77.81, 11.99, 29.12
CIE LCh	78, 31.495, 67.627
Yxy	52.8869, 0.3933, 0.3791
Android (android.graphics.Color)	4293441419 (0xFFE8B78B)
YUV	192.6350, -26.4421, 34.5231
Hunter-Lab	72.7234, 7.4187, 25.0275

Details

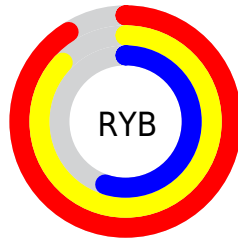
The XYZ color **54.8724, 52.8869, 31.7422** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **43.1954, 47.2798, 83.1931**, and the grayscale version is **50.6079, 53.2434, 57.9821**.

A 20% lighter version of the original color is **81.7321, 86.8433, 62.9068**, and **27.4233, 25.7838, 12.7639** is the 20% darker color. If you saturate the color by 10%, you get **50.9416, 47.4563, 22.9377**, and if you desaturate by 10%, it is **59.3845, 58.9043, 42.5162**.

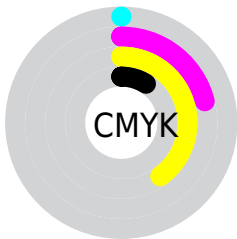
Distribution



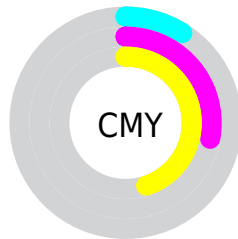
- Red (91%)
- Green (72%)
- Blue (55%)



- Red (91%)
- Yellow (87%)
- Blue (55%)



- Cyan (0%)
- Magenta (21%)
- Yellow (40%)
- Black (9%)





- Cyan (9%)
- Magenta (28%)
- Yellow (45%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 54.8724, 52.8869, 31.7422 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 54.8724, 52.8869, 31.7422 by changing the saturation by 10% instead.


 54.8724, 52.8869,
31.7422


 54.8724, 52.8869,
31.7422


395.5723,
397.8511, 324.3997


 39.5330, 37.7125,
20.9015


 96.5034, 94.4379,
63.4999

 27.3572, 25.7596,
12.8615


 123.5257,
121.5833, 85.2540

 17.9797, 16.6439,
7.2036


 155.1730,
153.4878, 111.4830

 11.0350, 9.9809,
3.5094

191.8107,
190.5359, 142.6053

 6.1578, 5.3863,
1.3603

233.8041,
233.1118, 179.0396

 2.9829, 2.4757,
0.1104

281.5187,

 1.1447, 0.8644,

281.6001, 221.2044

0.0000

335.3196,
336.3850, 269.5183

■ 0.0620, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 54.8724, 52.8869,
31.7422

■ 54.8724, 52.8869,
31.7422

■ 50.9416, 47.4563,
22.9377

■ 59.3845, 58.9043,
42.5162

■ 47.5597, 42.5848,
15.9767

■ 64.5003, 65.5199,
55.3686

■ 44.6966, 38.2529,
10.7236

■ 70.2455, 72.7545,
70.4040

■ 42.3170, 34.4371,
7.0223

■ 76.6432, 80.6251,
87.7189

■ 40.3799, 31.1108,
4.6874

■ 83.7148, 89.1480,
107.4028

■ 38.8305, 28.2595,
3.4080

■ 87.0887, 95.8958,
108.5274

Harmonies

Analogous

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



60.1562, 52.8869, 39.3918



54.8724, 52.8869, 31.7422



48.7246, 52.8869, 30.2634

Triad

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



54.8724, 52.8869, 31.7422



39.5007, 52.8869, 62.1659



57.7851, 52.8869, 88.5487

Complementary

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



54.8724, 52.8869, 31.7422



43.1954, 47.2798, 83.1931

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.



51.8425, 52.8869, 97.7771



54.8724, 52.8869, 31.7422



41.5264, 52.8869, 80.6612

Square

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



54.8724, 52.8869, 31.7422



40.1690, 52.8869, 45.7056



45.9276, 52.8869, 94.6308



61.9306, 52.8869, 71.3624

Rectangle

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



54.8724, 52.8869, 31.7422



45.0149, 52.8869, 32.6263



45.9276, 52.8869, 94.6308



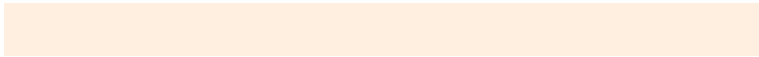
55.9133, 52.8869, 92.8278

Sweetspot

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



54.8737, 52.8894, 31.7433



85.5800, 88.3258, 83.3438



51.6535, 39.2783, 52.7762



18.1123, 18.6482, 17.2970



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.



54.8737, 52.8894, 31.7433



63.9716, 59.9935, 30.2539



65.9306, 75.0031, 35.4289



14.9366, 15.4871, 15.1065



21.6813, 15.9368, 1.9334



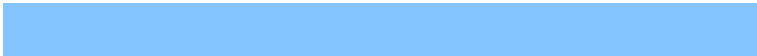
1.6946, 1.3625, 0.1737

Inverse Universe

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



43.1954, 47.2798, 83.1931



47.6450, 52.1444, 102.1615



34.9013, 30.6916, 80.4284



14.2081, 15.1377, 18.3173



12.0923, 11.2467, 43.9167



0.9865, 1.0168, 3.2762

Previews

White Background



This preview shows how the XYZ color 54.8724, 52.8869, 31.7422 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 54.8724, 52.8869, 31.7422 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

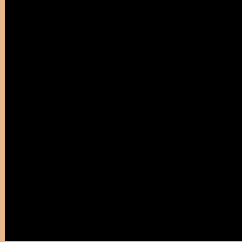
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 54.8724, 52.8869, 31.7422

Background



This preview shows how black text looks on a background with the XYZ color 54.8724, 52.8869, 31.7422.



This preview shows how white text looks on a background with the XYZ color 54.8724, 52.8869,

31.7422.

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

54.8724, 52.8869, 31.7422

Protanopia

49.5397, 52.9478, 33.5955

Deuteranopia

53.7956, 52.6390, 31.7511



Tritanopia

59.7446, 52.7729, 55.7525

Trichromacy



Original Color

54.8724, 52.8869, 31.7422

Protanomaly

51.3990, 52.9471, 33.1020

Deuteranomaly

54.1138, 52.8031, 31.7660

Tritanomaly

57.7317, 52.8426, 45.6849

Monochromacy



Original Color

54.8724, 52.8869, 31.7422

Achromatopsia

50.6879, 53.3276, 58.0738

Achromatomaly

51.4725, 52.6777, 46.9901

CSS Examples

Text

The CSS property to change the color of the text to XYZ 54.8724, 52.8869, 31.7422 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, 183, 139)` looks like.

```
.text, #text, p{  
    color:rgb(232, 183, 139)  
}
```

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, 183, 139) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(232, 183, 139) }
```

Border

The CSS property to change the border of an element to XYZ 54.8724, 52.8869, 31.7422 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, 183, 139) }
```


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

```
.border{ border-color:rgb(232, 183, 139) }
```

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

Here you see how a box with a 4 pixel `rgb(232, 183, 139)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(232, 183, 139); -webkit-box-  
shadow:4px 4px 4px 4px rgb(232, 183, 139);  
box-shadow:4px 4px 4px 4px rgb(232, 183,  
139) }
```

Background

The CSS property to change the background color of an element to XYZ 54.8724, 52.8869, 31.7422 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(232, 183, 139) }
```

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

```
.background{ background-color: rgb(232,  
183, 139) }
```

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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