

Converting Colors

XYZ(54.7938, 52.4892, 34.0315)

Have a look what the booklet for
XYZ(54.7938, 52.4892, 34.0315)
contains.

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Color

**XYZ(54.7938, 52.4892,
34.0315)**

Conversions

Conversions Part 1

Format	Color
Hex	E7B691
RGB	231, 182, 145
RGB Percent	91%, 71%, 57%
CMY	0.0941, 0.2863, 0.4314
CMYK	0.00, 0.21, 0.37, 0.09
HSL	26°, 64%, 74%
HSV	26°, 37%, 91%
XYZ	54.7938, 52.4892, 34.0315
YIQ	192.4330, 41.0810, -1.1190

Conversions

Conversions Part 2

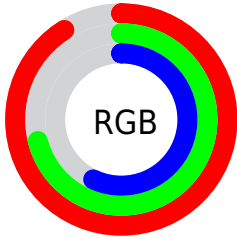
Format	Color
R _Y B	231, 210, 145
Decimal	15185553
CIE Lab	77.57, 12.81, 25.60
CIE LCh	78, 28.627, 63.428
Yxy	52.4892, 0.3877, 0.3714
Android (android.graphics.Color)	4293375633 (0xFFE7B691)
YUV	192.4330, -23.3845, 33.8233
Hunter-Lab	72.4494, 8.2138, 22.8644

Details

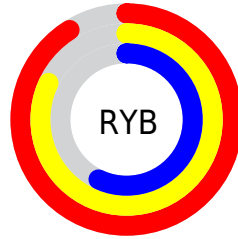
The XYZ color **54.7938, 52.4892, 34.0315** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **45.3919, 50.3710, 82.9315**, and the grayscale version is **50.4730, 53.1015, 57.8275**.

A 20% lighter version of the original color is **82.1233, 86.5326, 66.4069**, and **27.3262, 25.5073, 14.0728** is the 20% darker color. If you saturate the color by 10%, you get **50.6210, 46.7102, 24.7283**, and if you desaturate by 10%, it is **59.5847, 58.9246, 45.3285**.

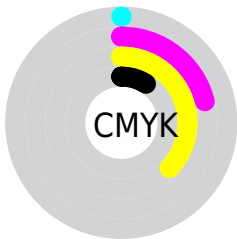
Distribution



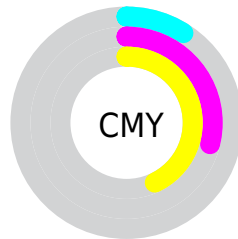
- Red (91%)
- Green (71%)
- Blue (57%)



- Red (91%)
- Yellow (82%)
- Blue (57%)



- Cyan (0%)
- Magenta (21%)
- Yellow (37%)
- Black (9%)





- Cyan (9%)
- Magenta (29%)
- Yellow (43%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 54.7938, 52.4892, 34.0315 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 54.7938, 52.4892, 34.0315 by changing the saturation by 10% instead.


 54.7938, 52.4892,
34.0315


 54.7938, 52.4892,
34.0315


395.2790,
396.3223, 335.0459

 39.4698, 37.3952,
22.6402


 96.3889, 93.8523,
67.1171

 27.3078, 25.5136,
14.1253


 123.3907,
120.8902, 89.6485

 17.9423, 16.4601,
8.0681


155.0158,
152.6781, 116.7304

 11.0080, 9.8503,
4.0502

191.6297,
189.6004, 148.7814

 6.1396, 5.2998,
1.6529

233.5975,
232.0416, 186.2198

 2.9716, 2.4242,
0.3282

281.2848,

 1.1388, 0.8383,

280.3861, 229.4644

0.0000

335.0568,
335.0182, 278.9336

■ 0.0572, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 54.7938, 52.4892,
34.0315

■ 54.7938, 52.4892,
34.0315

■ 50.6210, 46.7102,
24.7283

■ 59.5847, 58.9246,
45.3285

■ 47.0334, 41.5575,
17.2972

■ 65.0167, 66.0305,
58.7250

■ 44.0005, 37.0093,
11.6076

■ 71.1163, 73.8297,
74.3227

■ 41.4869, 33.0392,
7.5109

■ 77.9072, 82.3416,
92.2160

■ 39.4521, 29.6182,
4.8327

■ 84.5132, 91.2253,
107.7617

■ 37.8448, 26.7123,
3.3452

■ 86.7650, 95.7289,
108.5123

■ 37.4546, 25.9881,
3.0421

Harmonies

Analogous

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



59.2907, 52.4892, 41.9767



54.7938, 52.4892, 34.0315



49.2569, 52.4892, 31.8441

Triad

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



54.7938, 52.4892, 34.0315



40.0189, 52.4892, 58.9904



55.9734, 52.4892, 86.4885

Complementary

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



54.7938, 52.4892, 34.0315



45.3919, 50.3710, 82.9315

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.



50.5273, 52.4892, 93.2179



54.7938, 52.4892, 34.0315



41.5384, 52.4892, 75.6036

Square

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



54.7938, 52.4892, 34.0315



40.9788, 52.4892, 44.5943



45.2868, 52.4892, 88.9087



60.0063, 52.4892, 71.8698

Rectangle

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



54.7938, 52.4892, 34.0315



45.7838, 52.4892, 33.5347



45.2868, 52.4892, 88.9087



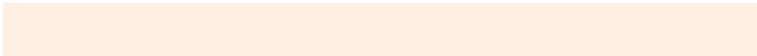
54.2334, 52.4892, 89.8591

Sweetspot

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



54.7951, 52.4917, 34.0326



85.9705, 88.5478, 85.1972



52.9499, 41.1879, 56.8883



18.1773, 18.6669, 17.6623



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.



54.7951, 52.4917, 34.0326



64.3247, 59.8260, 33.0650



64.6769, 72.2551, 37.3265



14.8844, 15.3827, 15.0891



21.1155, 14.8051, 1.7448



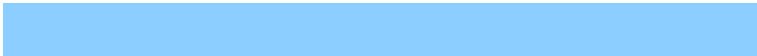
1.6511, 1.2755, 0.1592

Inverse Universe

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



45.3919, 50.3710, 82.9315



50.8883, 56.7789, 102.8851



37.3567, 34.3005, 80.2531



14.2610, 15.2433, 18.3350



12.8074, 12.6769, 44.1550



1.0383, 1.1204, 3.2935

Previews

White Background



This preview shows how the XYZ color 54.7938, 52.4892, 34.0315 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 54.7938, 52.4892, 34.0315 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 54.7938, 52.4892, 34.0315

Background



This preview shows how black text looks on a background with the XYZ color 54.7938, 52.4892, 34.0315.



This preview shows how white text looks on a background with the XYZ color 54.7938, 52.4892,

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

54.7938, 52.4892, 34.0315

Protanopia

49.4513, 52.8483, 36.0282

Deuteranopia

53.6154, 52.4941, 34.0946



Tritanopia

59.3027, 52.5577, 55.1632

Trichromacy



Original Color

54.7938, 52.4892, 34.0315

Protanomaly

51.0601, 52.4007, 35.4402

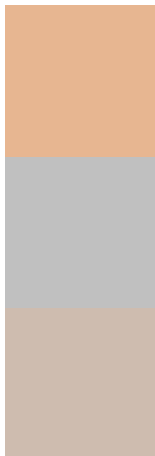
Deuteranomaly

54.0392, 52.4053, 34.0551

Tritanomaly

57.3949, 52.3503, 46.6148

Monochromacy



Original Color

54.7938, 52.4892, 34.0315

Achromatopsia

50.1023, 52.7115, 57.4028

Achromatomaly

51.1747, 52.1834, 47.9326

CSS Examples

Text

The CSS property to change the color of the text to XYZ 54.7938, 52.4892, 34.0315 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(231, 182, 145)` looks like.

```
.text, #text, p{  
    color:rgb(231, 182, 145)  
}
```

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(231, 182, 145) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(231, 182, 145) }
```

Border

The CSS property to change the border of an element to XYZ 54.7938, 52.4892, 34.0315 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(231, 182, 145) }
```


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

```
.border{ border-color:rgb(231, 182, 145) }
```

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

Here you see how a box with a 4 pixel `rgb(231, 182, 145)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(231, 182, 145); -webkit-box-  
shadow:4px 4px 4px 4px rgb(231, 182, 145);  
box-shadow:4px 4px 4px 4px rgb(231, 182,  
145) }
```

Background

The CSS property to change the background color of an element to XYZ 54.7938, 52.4892, 34.0315 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(231, 182, 145) }
```

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

```
.background{ background-color: rgb(231,  
182, 145) }
```

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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