

Converting Colors

XYZ(54.8427, 52.7224, 38.2988)

Have a look what the booklet for
XYZ(54.8427, 52.7224, 38.2988)
contains.

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Color

**XYZ(54.8448, 52.7275,
38.2971)**

Conversions

Conversions Part 1

Format	Color
Hex	E4B79B
RGB	228, 183, 155
RGB Percent	89%, 72%, 61%
CMY	0.1059, 0.2823, 0.3922
CMYK	0.00, 0.20, 0.32, 0.11
HSL	23°, 57%, 75%
HSV	23°, 32%, 89%
XYZ	54.8448, 52.7275, 38.2971
YIQ	193.2630, 35.8080, 0.8320

Conversions

Conversions Part 2

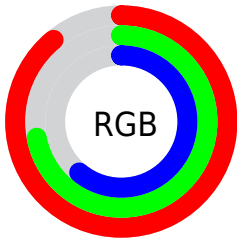
Format	Color
R _Y B	228, 200, 155
Decimal	14989211
CIE Lab	77.71, 12.33, 20.40
CIE LCh	78, 23.833, 58.858
Yxy	52.7275, 0.3760, 0.3615
Android (android.graphics.Color)	4293179291 (0xFFE4B79B)
YUV	193.2630, -18.8637, 30.4643
Hunter-Lab	72.6137, 7.7463, 19.5595

Details

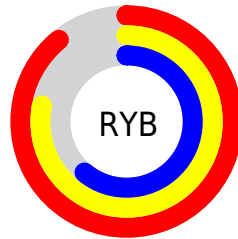
The XYZ color **54.8448, 52.7275, 38.2971** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **48.1748, 53.8768, 81.2592**, and the grayscale version is **50.9372, 53.5899, 58.3594**.

A 20% lighter version of the original color is **83.7394, 87.6461, 73.4766**, and **27.2759, 25.6227, 16.6048** is the 20% darker color. If you saturate the color by 10%, you get **50.3528, 46.5237, 28.2282**, and if you desaturate by 10%, it is **59.9906, 59.6597, 50.3687**.

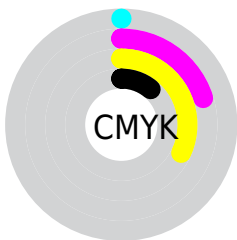
Distribution



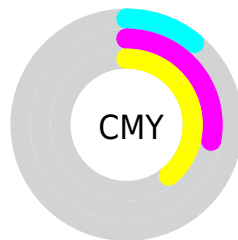
- Red (89%)
- Green (72%)
- Blue (61%)



- Red (89%)
- Yellow (78%)
- Blue (61%)



- Cyan (0%)
- Magenta (20%)
- Yellow (32%)
- Black (11%)





- Cyan (11%)
- Magenta (28%)
- Yellow (39%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 54.8448, 52.7275, 38.2971 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 54.8448, 52.7275, 38.2971 by changing the saturation by 10% instead.


 54.8448, 52.7275,
38.2971

 54.8448, 52.7275,
38.2971


395.4693,
397.2388, 354.2291

 39.5108, 37.5853,
25.9097


 96.4632, 94.2033,
73.7718

 27.3399, 25.6610,
16.5310


 123.4783,
121.3056, 97.6961

 17.9665, 16.5702,
9.7422


155.1178,
153.1634, 126.3033

 11.0255, 9.9285,
5.1250

191.7471,
190.1611, 160.0117

 6.1514, 5.3516,
2.2608

233.7316,
232.6831, 199.2399

 2.9789, 2.4550,
0.7091

281.4365,

 1.1426, 0.8540,

281.1138, 244.4065

0.0000

335.2273,
335.8376, 295.9301

■ 0.0603, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 54.8448, 52.7275,
38.2971

■ 54.8448, 52.7275,
38.2971

■ 50.3528, 46.5237,
28.2282

■ 59.9906, 59.6597,
50.3687

■ 46.4815, 41.0159,
20.0486

■ 65.8130, 67.3367,
64.5414

■ 43.2012, 36.1799,
13.6381

■ 72.3385, 75.7835,
80.9112

■ 40.4773, 31.9871,
8.8616

■ 79.5912, 85.0216,
99.5670

■ 38.2713, 28.4062,
5.5638

■ 85.2563, 94.1367,
108.2845

■ 36.5379, 25.4026,
3.5584

■ 85.8050, 95.2340,
108.4673

■ 35.4411, 23.3863,
2.6460

Harmonies

Analogous

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



58.2933, 52.7275, 46.0020



54.8448, 52.7275, 38.2971



50.2929, 52.7275, 35.5732

Triad

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



54.8448, 52.7275, 38.2971



41.7599, 52.7275, 56.9066



54.5203, 52.7275, 82.6593

Complementary

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



54.8448, 52.7275, 38.2971



48.1748, 53.8768, 81.2592

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.



49.9394, 52.7275, 86.7409



54.8448, 52.7275, 38.2971



42.7414, 52.7275, 70.5664

Square

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



54.8448, 52.7275, 38.2971



42.9006, 52.7275, 45.2498



45.6670, 52.7275, 82.0155



58.0980, 52.7275, 71.5772

Rectangle

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



54.8448, 52.7275, 38.2971



47.3030, 52.7275, 36.5698



45.6670, 52.7275, 82.0155



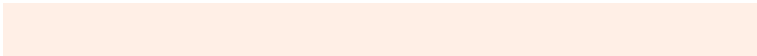
53.0382, 52.7275, 84.9642

Sweetspot

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



54.8462, 52.7300, 38.2982



86.4021, 88.8437, 87.0900



54.1439, 44.1081, 60.3143



18.2495, 18.6981, 18.0349



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.



54.8462, 52.7300, 38.2982



66.9966, 62.8849, 40.9998



63.3694, 69.7764, 41.1393



14.8280, 15.2699, 15.0703



20.5712, 13.7165, 1.5633



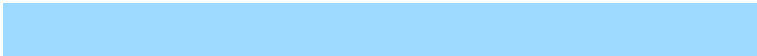
1.6078, 1.1889, 0.1447

Inverse Universe

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



48.1748, 53.8768, 81.2592



57.1967, 64.5522, 104.0530



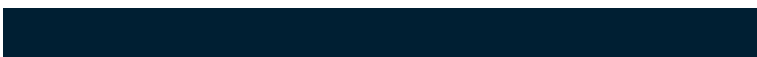
40.7108, 38.9489, 78.7712



14.3188, 15.3590, 18.3542



13.6646, 14.3912, 44.4408



1.0990, 1.2419, 3.3138

Previews

White Background



This preview shows how the XYZ color 54.8448, 52.7275, 38.2971 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 54.8448, 52.7275, 38.2971 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

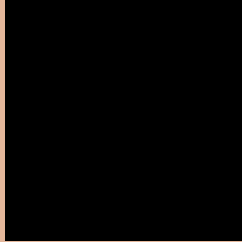
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 54.8448, 52.7275, 38.2971

Background



This preview shows how black text looks on a background with the XYZ color 54.8448, 52.7275, 38.2971.



This preview shows how white text looks on a background with the XYZ color 54.8448, 52.7275,

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

54.8448, 52.7275, 38.2971

Protanopia

49.7362, 52.8990, 40.3900

Deuteranopia

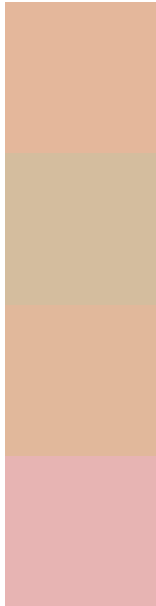
54.0058, 52.9118, 38.3769



Tritanopia

58.7135, 52.8024, 56.9665

Trichromacy



Original Color

54.8448, 52.7275, 38.2971

Protanomaly

51.5205, 52.8609, 39.8355

Deuteranomaly

54.1082, 52.6551, 38.3220

Tritanomaly

57.4129, 52.8861, 49.8299

Monochromacy



Original Color

54.8448, 52.7275, 38.2971

Achromatopsia

50.6879, 53.3276, 58.0738

Achromatomaly

51.7879, 52.7717, 50.1043

CSS Examples

Text

The CSS property to change the color of the text to XYZ 54.8448, 52.7275, 38.2971 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(228, 183, 155)` looks like.

```
.text, #text, p{  
    color:rgb(228, 183, 155)  
}
```

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(228, 183, 155) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(228, 183, 155) }
```

Border

The CSS property to change the border of an element to XYZ 54.8448, 52.7275, 38.2971 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(228, 183, 155) }
```


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

```
.border{ border-color:rgb(228, 183, 155) }
```

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

Here you see how a box with a 4 pixel rgb(228, 183, 155) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(228, 183, 155); -webkit-box-  
shadow:4px 4px 4px 4px rgb(228, 183, 155);  
box-shadow:4px 4px 4px 4px rgb(228, 183,  
155) }
```

Background

The CSS property to change the background color of an element to XYZ 54.8448, 52.7275, 38.2971 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(228, 183, 155) }
```

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

```
.background{ background-color: rgb(228,  
183, 155) }
```

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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