

Converting Colors

XYZ(59.3752, 58.8281, 42.6111)

Have a look what the booklet for
XYZ(59.3752, 58.8281, 42.6111)
contains.

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Color

**XYZ(59.3154, 58.7947,
42.4047)**

Conversions

Conversions Part 1

Format	Color
Hex	E8C3A2
RGB	232, 195, 162
RGB Percent	91%, 76%, 64%
CMY	0.0902, 0.2353, 0.3647
CMYK	0.00, 0.16, 0.30, 0.09
HSL	28°, 60%, 77%
HSV	28°, 30%, 91%
XYZ	59.3154, 58.7947, 42.4047
YIQ	202.3010, 32.6450, -2.4190

Conversions

Conversions Part 2

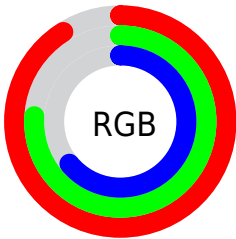
Format	Color
RYB	232, 224, 162
Decimal	15254434
CIELab	81.18, 8.41, 21.49
CIELCh	81, 23.081, 68.639
Yxy	58.7947, 0.3695, 0.3663
Android (android.graphics.Color)	4293444514 (0xFFE8C3A2)
YUV	202.3010, -19.8684, 26.0460
Hunter-Lab	76.6777, 3.8959, 20.8855

Details

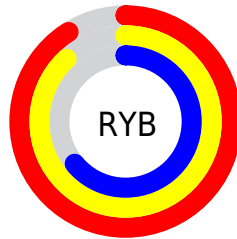
The XYZ color **59.3154, 58.7947, 42.4047** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **49.8886, 54.3527, 84.2057**, and the grayscale version is **56.4342, 59.3732, 64.6574**.

A 20% lighter version of the original color is **88.5748, 95.8906, 79.4860**, and **30.0185, 29.2895, 18.8231** is the 20% darker color. If you saturate the color by 10%, you get **54.8054, 52.7759, 31.6484**, and if you desaturate by 10%, it is **64.4346, 65.4224, 55.2424**.

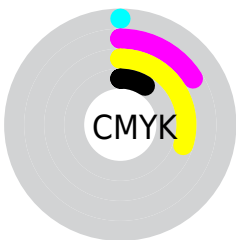
Distribution



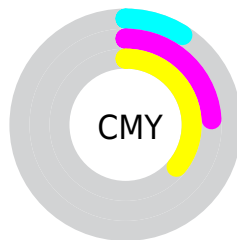
- Red (91%)
- Green (76%)
- Blue (64%)



- Red (91%)
- Yellow (88%)
- Blue (64%)



- Cyan (0%)
- Magenta (16%)
- Yellow (30%)
- Black (9%)





- Cyan (9%)
- Magenta (24%)
- Yellow (36%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 59.3154, 58.7947, 42.4047 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 59.3154, 58.7947, 42.4047 by changing the saturation by 10% instead.


 59.3154, 58.7947,
42.4047


 59.3154, 58.7947,
42.4047


411.9450,
420.1407, 372.0069

 43.1144, 42.4479,
29.0904


 102.9479,
103.0792, 80.0884

 30.1698, 29.4522,
18.9030


 131.1102,
131.7857, 105.2950

 20.1162, 19.4231,
11.4241


163.9903,
165.3809, 135.3026

 12.5883, 11.9764,
6.2351

201.9535,
204.2491, 170.5299

 7.2207, 6.7276,
2.9175

245.3652,
248.7748, 211.3955

 3.6481, 3.2923,
1.0527

294.5908,

 1.5050, 1.2862,

299.3424, 258.3178

0.0000

349.9956,
356.3362, 311.7154

■ 0.3292, 0.1305,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 59.3154, 58.7947,
42.4047

■ 59.3154, 58.7947,
42.4047

■ 54.8054, 52.7759,
31.6484

■ 64.4346, 65.4224,
55.2424

■ 50.8736, 47.3386,
22.8577

■ 70.1830, 72.6689,
70.2614

■ 47.4930, 42.4652,
15.9110

■ 76.5851, 80.5542,
87.5597

■ 44.6321, 38.1338,
10.6713

■ 83.6628, 89.0950,
107.2280

■ 42.2556, 34.3205,
6.9823

■ 87.0887, 95.8958,
108.5274

■ 40.3222, 30.9986,
4.6583

■ 38.7889, 28.1761,
3.3941

Harmonies

Analogous

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



63.4131, 58.7947, 48.8784



59.3154, 58.7947, 42.4047



54.5066, 58.7947, 41.2621

Triad

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



59.3154, 58.7947, 42.4047



47.2382, 58.7947, 68.0739



61.8514, 58.7947, 86.9854

Complementary

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



59.3154, 58.7947, 42.4047



49.8886, 54.3527, 84.2057

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.



57.2816, 58.7947, 93.8971



59.3154, 58.7947, 42.4047



48.9732, 58.7947, 81.9983

Square

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



59.3154, 58.7947, 42.4047



47.7135, 58.7947, 54.8563



52.5849, 58.7947, 91.9519



64.9347, 58.7947, 74.1456

Rectangle

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



59.3154, 58.7947, 42.4047



51.5711, 58.7947, 43.4922



52.5849, 58.7947, 91.9519



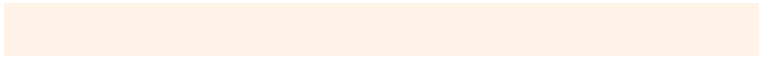
60.4280, 58.7947, 90.1571

Sweetspot

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



59.3169, 58.7974, 42.4059



87.8246, 91.1130, 89.3389



56.5470, 47.1361, 60.3543



18.5615, 19.2076, 18.4925



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.



59.3169, 58.7974, 42.4059



70.0568, 68.2874, 44.2328



68.0046, 76.1729, 45.3018



14.9346, 15.4830, 15.1058



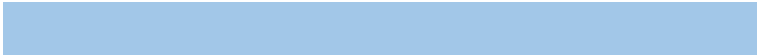
21.6580, 15.8902, 1.9256



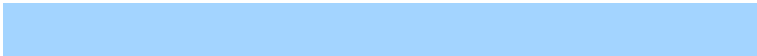
1.6928, 1.3590, 0.1731

Inverse Universe

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



49.8886, 54.3527, 84.2057



56.6678, 61.9729, 103.5830



42.8016, 40.1787, 81.8434



14.2102, 15.1418, 18.3180



12.1189, 11.3000, 43.9255



0.9884, 1.0207, 3.2769

Previews

White Background



This preview shows how the XYZ color 59.3154, 58.7947, 42.4047 looks on a white background.

Color Contrast Check

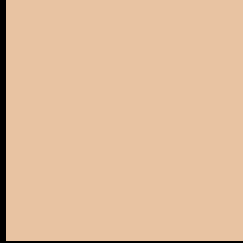
Large Text (above 18pt) WCAG AA × Fail

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 59.3154, 58.7947, 42.4047 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

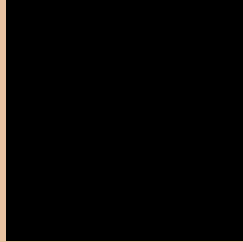
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 59.3154, 58.7947, 42.4047

Background



This preview shows how black text looks on a background with the XYZ color 59.3154, 58.7947, 42.4047.



This preview shows how white text looks on a background with the XYZ color 59.3154, 58.7947,

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

59.3154, 58.7947, 42.4047

Protanopia

55.4097, 58.7860, 44.0237

Deuteranopia

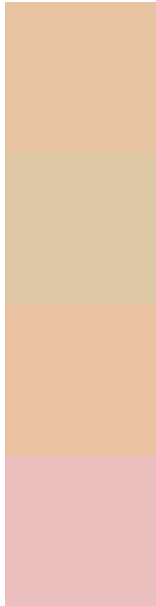
60.0743, 58.8544, 42.3762



Tritanopia

64.0217, 58.7594, 65.0941

Trichromacy



Original Color

59.3154, 58.7947, 42.4047

Protanomaly

56.9431, 58.8993, 43.4894

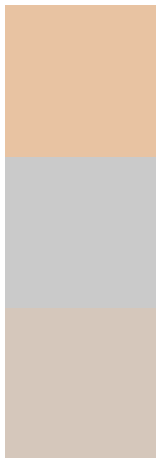
Deuteranomaly

59.7451, 58.6846, 42.3608

Tritanomaly

62.0771, 58.5979, 56.1828

Monochromacy



Original Color

59.3154, 58.7947, 42.4047

Achromatopsia

56.1383, 59.0619, 64.3184

Achromatomaly

56.8336, 58.5808, 55.3255

CSS Examples

Text

The CSS property to change the color of the text to XYZ 59.3154, 58.7947, 42.4047 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, 195, 162)` looks like.

```
.text, #text, p{  
    color:rgb(232, 195, 162)  
}
```

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, 195, 162) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(232, 195, 162) }
```

Border

The CSS property to change the border of an element to XYZ 59.3154, 58.7947, 42.4047 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, 195, 162) }
```


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

```
.border{ border-color:rgb(232, 195, 162) }
```

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

Here you see how a box with a 4 pixel `rgb(232, 195, 162)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(232, 195, 162); -webkit-box-  
shadow:4px 4px 4px 4px rgb(232, 195, 162);  
box-shadow:4px 4px 4px 4px rgb(232, 195,  
162) }
```

Background

The CSS property to change the background color of an element to XYZ 59.3154, 58.7947, 42.4047 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(232, 195, 162) }
```

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

```
.background{ background-color: rgb(232,  
195, 162) }
```

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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