

Converting Colors

XYZ(56.9440, 51.0298, 42.9249)

Have a look what the booklet for
XYZ(56.9440, 51.0298, 42.9249)
contains.

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Color

**XYZ(56.9440, 51.0298,
42.9249)**

Conversions

Conversions Part 1

Format	Color
Hex	EDAEA6
RGB	237, 174, 166
RGB Percent	93%, 68%, 65%
CMY	0.0706, 0.3176, 0.3490
CMYK	0.00, 0.27, 0.30, 0.07
HSL	7°, 66%, 79%
HSV	7°, 30%, 93%
XYZ	56.9440, 51.0298, 42.9249
YIQ	191.9250, 40.1160, 10.8680

Conversions

Conversions Part 2

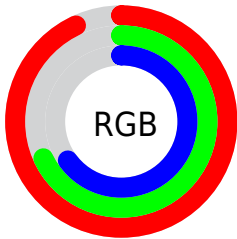
Format	Color
RYB	237, 175, 166
Decimal	15576742
CIELab	76.70, 21.95, 13.17
CIELCh	77, 25.602, 30.967
Yxy	51.0298, 0.3774, 0.3382
Android (android.graphics.Color)	4293766822 (0xFFEDA6A6)
YUV	191.9250, -12.7810, 39.5308
Hunter-Lab	71.4351, 17.2785, 14.3776

Details

The XYZ color **56.9440, 51.0298, 42.9249** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **59.0303, 70.2577, 90.5707**, and the grayscale version is **50.1162, 52.7261, 57.4187**.

A 20% lighter version of the original color is **82.5880, 83.0741, 80.0887**, and **28.6970, 24.5929, 19.1540** is the 20% darker color. If you saturate the color by 10%, you get **51.2179, 42.7419, 31.2605**, and if you desaturate by 10%, it is **63.7095, 60.7547, 56.9132**.

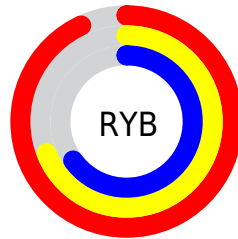
Distribution



Red (93%)

Green (68%)

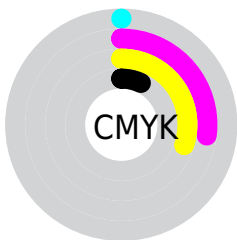
Blue (65%)



Red (93%)

Yellow (69%)

Blue (65%)

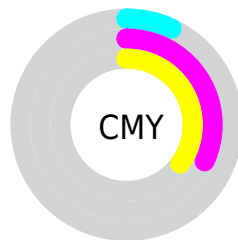


Cyan (0%)

Magenta (27%)

Yellow (30%)

Black (7%)



Cyan (7%)


Magenta (32%)


Yellow (35%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 56.9440, 51.0298, 42.9249 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 56.9440, 51.0298, 42.9249 by changing the saturation by 10% instead.


 56.9440, 51.0298,
42.9249


 56.9440, 51.0298,
42.9249

403.2570,
390.6796, 374.2150

 41.2002, 36.2323,
29.4952


 99.5153, 91.6988,
80.8827

 28.6639, 24.6137,
19.2070


 127.0736,
118.3392, 106.2478

 18.9698, 15.7895,
11.6416


159.3007,
149.6959, 136.4286

 11.7523, 9.3753,
6.3806

196.5621,
186.1534, 171.8435

 6.6462, 4.9868,
3.0053

239.2230,
228.0962, 212.9110

 3.2862, 2.2395,
1.0974

287.6489,

 1.3069, 0.7414,

275.9085, 260.0497

0.0000

342.2051,
329.9748, 313.6782

■ 0.1884, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 56.9440, 51.0298,
42.9249

■ 56.9440, 51.0298,
42.9249

■ 51.2179, 42.7419,
31.2605

■ 63.7095, 60.7547,
56.9132

■ 46.4754, 35.8159,
21.7911

■ 71.5581, 71.9726,
73.3388

■ 42.6621, 30.1809,
14.3799

■ 80.5362, 84.7454,
92.3113

■ 39.7161, 25.7565,
8.8734

■ 88.7351, 96.7445,
108.6045

■ 37.5682, 22.4536,
5.0966

■ 36.1382, 20.1704,
2.8419

■ 35.3132, 18.7799,
1.7666

■ 35.3106, 18.7756,
1.7630

Harmonies

Analogous

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



58.4343, 51.0298, 55.1132



56.9440, 51.0298, 42.9249



53.1692, 51.0298, 35.3337

Triad

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



56.9440, 51.0298, 42.9249



40.7986, 51.0298, 43.5856



48.6599, 51.0298, 86.7648

Complementary

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



56.9440, 51.0298, 42.9249



59.0303, 70.2577, 90.5707

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.



44.1168, 51.0298, 82.3315



56.9440, 51.0298, 42.9249



39.7647, 51.0298, 56.0148

Square

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



56.9440, 51.0298, 42.9249



43.8614, 51.0298, 35.6681



40.9390, 51.0298, 70.4656



53.4595, 51.0298, 81.7470

Rectangle

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



56.9440, 51.0298, 42.9249



49.9808, 51.0298, 33.1443



40.9390, 51.0298, 70.4656



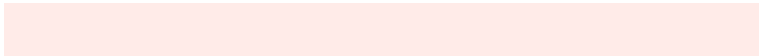
47.0532, 51.0298, 86.3249

Sweetspot

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



56.9454, 51.0322, 42.9259



85.4172, 86.2983, 88.5364



62.8305, 50.9850, 81.3190



17.9717, 18.0278, 18.2959



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.



56.9454, 51.0322, 42.9259



62.9180, 54.0100, 41.8532



64.5107, 66.1629, 45.4477



15.2022, 15.3274, 15.6760



19.3253, 10.3448, 0.9782



1.5628, 0.9029, 0.0919

Inverse Universe

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



59.0303, 70.2577, 90.5707



65.7419, 80.1210, 106.6077



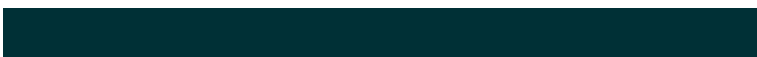
50.3934, 52.9838, 87.6917



15.3642, 16.8149, 19.3581



21.0273, 28.7016, 48.1747



1.6925, 2.3364, 3.7966

Previews

White Background



This preview shows how the XYZ color 56.9440, 51.0298, 42.9249 looks on a white background.

Color Contrast Check

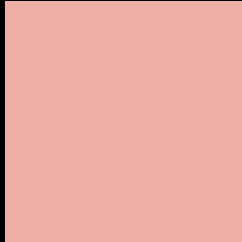
Large Text (above 18pt) WCAG AA × Fail

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 56.9440, 51.0298, 42.9249 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

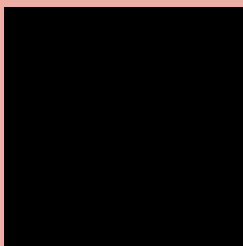
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 56.9440, 51.0298, 42.9249

Background



This preview shows how black text looks on a background with the XYZ color 56.9440, 51.0298, 42.9249.



This preview shows how white text looks on a background with the XYZ color 56.9440, 51.0298,

42.9249.

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

56.9440, 51.0298, 42.9249

Protanopia

48.8635, 51.3215, 47.3751

Deuteranopia

52.2496, 51.2990, 42.2698



Tritanopia

58.8112, 50.9372, 52.0796

Trichromacy



Original Color

56.9440, 51.0298, 42.9249

Protanomaly

51.6426, 51.2183, 45.6923

Deuteranomaly

53.8533, 51.2064, 42.6428

Tritanomaly

57.9482, 50.8565, 48.3571

Monochromacy



Original Color

56.9440, 51.0298, 42.9249

Achromatopsia

50.1023, 52.7115, 57.4028

Achromatomaly

51.9086, 51.5267, 52.0095

CSS Examples

Text

The CSS property to change the color of the text to XYZ 56.9440, 51.0298, 42.9249 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(237, 174, 166)` looks like.

```
.text, #text, p{  
    color:rgb(237, 174, 166)  
}
```

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(237, 174, 166) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(237, 174, 166) }
```

Border

The CSS property to change the border of an element to XYZ 56.9440, 51.0298, 42.9249 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(237, 174, 166) }
```


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

```
.border{ border-color:rgb(237, 174, 166) }
```

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

Here you see how a box with a 4 pixel `rgb(237, 174, 166)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(237, 174, 166); -webkit-box-  
shadow:4px 4px 4px 4px rgb(237, 174, 166);  
box-shadow:4px 4px 4px 4px rgb(237, 174,  
166) }
```

Background

The CSS property to change the background color of an element to XYZ 56.9440, 51.0298, 42.9249 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(237, 174, 166) }
```

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

```
.background{ background-color: rgb(237,  
174, 166) }
```

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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