

Converting Colors

XYZ(55.4465, 48.0343, 42.4267)

Have a look what the booklet for
XYZ(55.4465, 48.0343, 42.4267)
contains.

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Color

**XYZ(55.4442, 48.0301,
42.4249)**

Conversions

Conversions Part 1

Format	Color
Hex	EDA6A6
RGB	237, 166, 166
RGB Percent	93%, 65%, 65%
CMY	0.0706, 0.3490, 0.3490
CMYK	0.00, 0.30, 0.30, 0.07
HSL	0°, 66%, 79%
HSV	0°, 30%, 93%
XYZ	55.4442, 48.0301, 42.4249
YIQ	187.2290, 42.3160, 15.0520

Conversions

Conversions Part 2

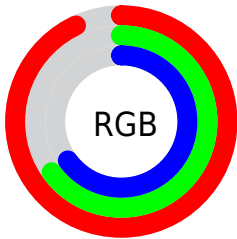
Format	Color
RYB	237, 166, 166
Decimal	15574694
CIELab	74.84, 26.21, 10.55
CIElCh	75, 28.250, 21.928
Yxy	48.0301, 0.3800, 0.3292
Android (android.graphics.Color)	4293764774 (0xFFEDA6A6)
YUV	187.2290, -10.4659, 43.6492
Hunter-Lab	69.3038, 21.5215, 12.2177

Details

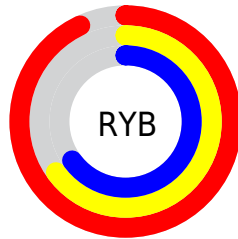
The XYZ color **55.4442, 48.0301, 42.4249** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **61.2952, 74.7874, 91.3258**, and the grayscale version is **47.4049, 49.8737, 54.3124**.

A 20% lighter version of the original color is **80.4124, 78.7230, 79.3635**, and **27.7648, 22.7285, 18.8433** is the 20% darker color. If you saturate the color by 10%, you get **49.5491, 39.4043, 30.7042**, and if you desaturate by 10%, it is **62.5363, 58.4082, 56.5221**.

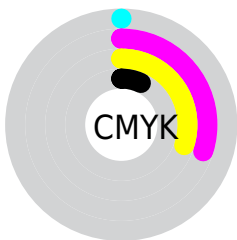
Distribution



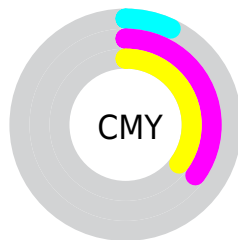
- Red (93%)
- Green (65%)
- Blue (65%)



- Red (93%)
- Yellow (65%)
- Blue (65%)



- Cyan (0%)
- Magenta (30%)
- Yellow (30%)
- Black (7%)





- Cyan (7%)
- Magenta (35%)
- Yellow (35%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 55.4442, 48.0301, 42.4249 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 55.4442, 48.0301, 42.4249 by changing the saturation by 10% instead.


 55.4442, 48.0301,
42.4249


 55.4442, 48.0301,
42.4249


397.7026,
378.9114, 372.0928

 39.9927, 33.8507,
29.1061

 97.3360, 87.2492,
80.1193

 27.7171, 22.7789,
18.9148


 124.5070,
113.0578, 105.3320

 18.2518, 14.4304,
11.4326


156.3153,
143.5115, 135.3464

 11.2317, 8.4206,
6.2408

193.1262,
178.9947, 170.5810

 6.2914, 4.3652,
2.9209

235.3050,
219.8920, 211.4544

 3.0654, 1.8799,
1.0544

283.2171,

 1.1884, 0.5363,

266.5876, 258.3852

0.0000

337.2278,
319.4659, 311.7918

■ 0.0972, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 55.4442, 48.0301,
42.4249

■ 55.4442, 48.0301,
42.4249

■ 49.5491, 39.4043,
30.7042

■ 62.5363, 58.4082,
56.5221

■ 44.7814, 32.4277,
21.2264

■ 70.8821, 70.6205,
73.1134

■ 41.0704, 26.9973,
13.8493

■ 80.5395, 84.7520,
92.3123

■ 38.3357, 22.9956,
8.4132

■ 88.7351, 96.7446,
108.6045

■ 36.4856, 20.2882,
4.7356

■ 35.4108, 18.7154,
2.5994

■ 34.9270, 18.0073,
1.6378

■ 34.9253, 18.0049,
1.6345

Harmonies

Analogous

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



56.1495, 48.0301, 56.3716



55.4442, 48.0301, 42.4249



52.0192, 48.0301, 33.0331

Triad

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



55.4442, 48.0301, 42.4249



38.3061, 48.0301, 36.7157



44.2778, 48.0301, 85.6151

Complementary

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



55.4442, 48.0301, 42.4249



61.2952, 74.7874, 91.3258

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.



39.8253, 48.0301, 77.8864



55.4442, 48.0301, 42.4249



36.5505, 48.0301, 48.4229

Square

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



55.4442, 48.0301, 42.4249



42.0598, 48.0301, 30.1934



37.0850, 48.0301, 63.5919



49.4414, 48.0301, 83.1842

Rectangle

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



55.4442, 48.0301, 42.4249



48.7854, 48.0301, 29.7441



37.0850, 48.0301, 63.5919



42.6541, 48.0301, 84.0747

Sweetspot

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



55.4455, 48.0324, 42.4259



84.6837, 84.8313, 88.2919



63.8477, 51.3919, 86.6755



17.7929, 17.6702, 18.2363



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.



55.4455, 48.0324, 42.4259



61.0026, 50.1791, 41.2147



62.8118, 62.7649, 44.8813



15.0656, 15.0542, 15.6304



19.0679, 9.8301, 0.8924



1.4973, 0.7720, 0.0701

Inverse Universe

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



61.2952, 74.7874, 91.3258



68.9533, 86.5438, 107.6781



52.0158, 56.2287, 88.2327



15.5176, 17.1217, 19.4092



24.8772, 36.4015, 49.4580



1.9535, 2.8584, 3.8837

Previews

White Background



This preview shows how the XYZ color 55.4442, 48.0301, 42.4249 looks on a white background.

Color Contrast Check

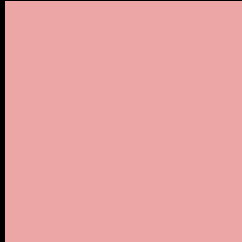
Large Text (above 18pt) WCAG AA × Fail

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 55.4442, 48.0301, 42.4249 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

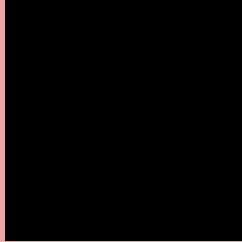
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 55.4442, 48.0301, 42.4249

Background



This preview shows how black text looks on a background with the XYZ color 55.4442, 48.0301, 42.4249.



This preview shows how white text looks on a background with the XYZ color 55.4442, 48.0301,

42.4249.

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

55.4442, 48.0301, 42.4249

Protanopia

46.2122, 48.3627, 47.9736

Deuteranopia

49.1996, 48.2228, 41.8368



Tritanopia

56.4712, 47.9024, 47.8647

Trichromacy



Original Color

55.4442, 48.0301, 42.4249

Protanomaly

48.9007, 47.6882, 45.6571

Deuteranomaly

51.4428, 48.2044, 42.1904

Tritanomaly

56.2579, 48.1045, 45.8552

Monochromacy



Original Color

55.4442, 48.0301, 42.4249

Achromatopsia

47.2335, 49.6933, 54.1160

Achromatomaly

49.4336, 48.4740, 49.3988

CSS Examples

Text

The CSS property to change the color of the text to XYZ 55.4442, 48.0301, 42.4249 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, 166, 166)` looks like.

```
.text, #text, p{  
    color:rgb(237, 166, 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, 166, 166) colored shadow looks like.

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

Border

The CSS property to change the border of an element to XYZ 55.4442, 48.0301, 42.4249 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, 166, 166) }
```


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

```
.border{ border-color:rgb(237, 166, 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, 166, 166)` colored shadow looks like.

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

Background

The CSS property to change the background color of an element to XYZ 55.4442, 48.0301, 42.4249 is called "background". The background property can be set on classes, ids or directly on the HTML element.

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

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

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