

Converting Colors

XYZ(55.6305, 48.1064, 43.3998)

Have a look what the booklet for
XYZ(55.6305, 48.1064, 43.3998)
contains.

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Color

**XYZ(55.6292, 48.1041,
43.3988)**

Conversions

Conversions Part 1

Format	Color
Hex	EDA6A8
RGB	237, 166, 168
RGB Percent	93%, 65%, 66%
CMY	0.0706, 0.3490, 0.3412
CMYK	0.00, 0.30, 0.29, 0.07
HSL	358°, 66%, 79%
HSV	358°, 30%, 93%
XYZ	55.6292, 48.1041, 43.3988
YIQ	187.4570, 41.6740, 15.6740

Conversions

Conversions Part 2

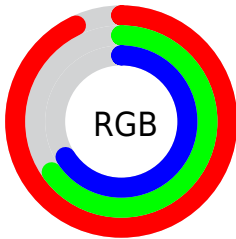
Format	Color
R _Y B	237, 166, 168
Decimal	15574696
CIE Lab	74.89, 26.47, 9.52
CIE LCh	75, 28.130, 19.783
Yxy	48.1041, 0.3781, 0.3269
Android (android.graphics.Color)	4293764776 (0xFFEDA6A8)
YUV	187.4570, -9.5923, 43.4492
Hunter-Lab	69.3571, 21.7944, 11.4505

Details

The XYZ color **55.6292, 48.1041, 43.3988** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **61.0076, 74.6747, 89.7994**, and the grayscale version is **47.5294, 50.0046, 54.4550**.

A 20% lighter version of the original color is **80.6806, 78.8303, 80.7755**, and **27.8799, 22.7745, 19.4495** is the 20% darker color. If you saturate the color by 10%, you get **49.7521, 39.4851, 31.7740**, and if you desaturate by 10%, it is **62.6829, 58.4674, 57.2921**.

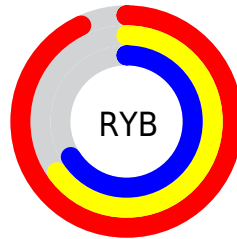
Distribution



Red (93%)

Green (65%)

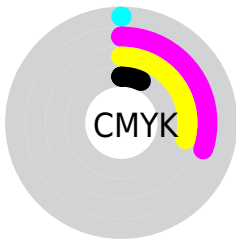
Blue (66%)



Red (93%)

Yellow (65%)

Blue (66%)

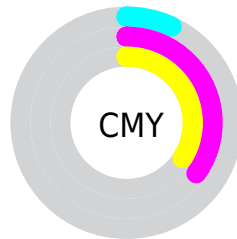


Cyan (0%)

Magenta (30%)

Yellow (29%)

Black (7%)



Cyan (7%)


Magenta (35%)


Yellow (34%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 55.6292, 48.1041, 43.3988 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 55.6292, 48.1041, 43.3988 by changing the saturation by 10% instead.


 55.6292, 48.1041,
43.3988


 55.6292, 48.1041,
43.3988


398.3903,
379.2046, 376.2186

 40.1415, 33.9093,
29.8644


 97.6052, 87.3594,
81.6051

 27.8336, 22.8240,
19.4845


 124.8242,
113.1887, 107.1142

 18.3401, 14.4636,
11.8406


156.6844,
143.6649, 137.4518

 11.2956, 8.4438,
6.5140

193.5511,
179.1726, 173.0367

 6.3348, 4.3802,
3.0863

235.7897,
220.0960, 214.2872

 3.0923, 1.8884,
1.1388

283.7655,

 1.2027, 0.5414,

266.8195, 261.6220

0.0000

337.8440,
319.7276, 315.4596

■ 0.1085, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 55.6292, 48.1041,
43.3988

■ 55.6292, 48.1041,
43.3988

■ 49.7521, 39.4851,
31.7740

■ 62.6829, 58.4674,
57.2921

■ 44.9839, 32.5081,
22.2944

■ 70.9681, 70.6562,
73.5622

■ 41.2563, 27.0710,
14.8299

■ 80.5412, 84.7548,
92.3141

■ 38.4914, 23.0572,
9.2347

■ 88.7352, 96.7446,
108.6045

■ 36.6008, 20.3338,
5.3436

■ 35.4796, 18.7426,
2.9625

■ 34.9634, 18.0217,
1.8300

■ 34.9617, 18.0192,
1.8266

Harmonies

Analogous

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



56.1151, 48.1041, 57.5412



55.6292, 48.1041, 43.3988



52.3800, 48.1041, 33.6563

Triad

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



55.6292, 48.1041, 43.3988



38.6058, 48.1041, 36.1944



43.9968, 48.1041, 85.3285

Complementary

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



55.6292, 48.1041, 43.3988



61.0076, 74.6747, 89.7994

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.



39.6526, 48.1041, 77.0026



55.6292, 48.1041, 43.3988



36.6977, 48.1041, 47.5318

Square

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



55.6292, 48.1041, 43.3988



42.4684, 48.1041, 30.0666



37.0661, 48.1041, 62.5156



49.1366, 48.1041, 83.6540

Rectangle

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



55.6292, 48.1041, 43.3988



49.2101, 48.1041, 30.1171



37.0661, 48.1041, 62.5156



42.4018, 48.1041, 83.5543

Sweetspot

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



55.6305, 48.1064, 43.3998



84.7751, 84.8672, 88.7754



63.0636, 50.9890, 86.6392



17.8151, 17.6790, 18.3540



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.



55.6305, 48.1064, 43.3998



61.2355, 50.2706, 42.4464



62.2636, 61.6678, 44.7006



15.0826, 15.0609, 15.7204



19.0957, 9.8410, 1.0392



1.5055, 0.7752, 0.1135

Inverse Universe

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



55.6305, 48.1064, 43.3998



61.2355, 50.2706, 42.4464



52.5752, 57.3459, 88.4190



15.0826, 15.0609, 15.7204



19.0957, 9.8410, 1.0392



1.5055, 0.7752, 0.1135

Previews

White Background



This preview shows how the XYZ color 55.6292, 48.1041, 43.3988 looks on a white background.

Color Contrast Check

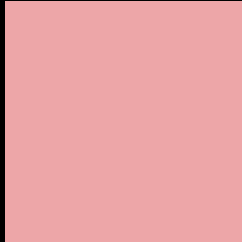
Large Text (above 18pt) WCAG AA × Fail

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 55.6292, 48.1041, 43.3988 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

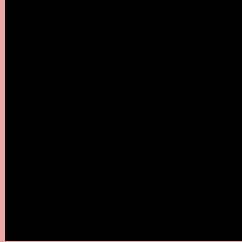
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 55.6292, 48.1041, 43.3988

Background



This preview shows how black text looks on a background with the XYZ color 55.6292, 48.1041, 43.3988.



This preview shows how white text looks on a background with the XYZ color 55.6292, 48.1041,

43.3988.

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

55.6292, 48.1041, 43.3988

Protanopia

46.4116, 48.4425, 49.0237

Deuteranopia

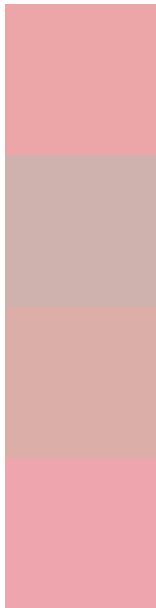
49.0978, 48.1493, 42.7824



Tritanopia

56.6508, 48.2617, 47.9246

Trichromacy



Original Color

55.6292, 48.1041, 43.3988

Protanomaly

49.0942, 47.7657, 46.6765

Deuteranomaly

51.3245, 48.1222, 43.1426

Tritanomaly

56.3550, 48.1434, 46.3668

Monochromacy



Original Color

55.6292, 48.1041, 43.3988

Achromatopsia

47.2335, 49.6933, 54.1160

Achromatomaly

49.5352, 48.5146, 49.9335

CSS Examples

Text

The CSS property to change the color of the text to XYZ 55.6292, 48.1041, 43.3988 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, 168)` looks like.

```
.text, #text, p{  
    color:rgb(237, 166, 168)  
}
```

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, 168) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(237, 166, 168) }
```

Border

The CSS property to change the border of an element to XYZ 55.6292, 48.1041, 43.3988 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, 168) }
```


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

```
.border{ border-color:rgb(237, 166, 168) }
```

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, 168)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(237, 166, 168); -webkit-box-  
shadow:4px 4px 4px 4px rgb(237, 166, 168);  
box-shadow:4px 4px 4px 4px rgb(237, 166,  
168) }
```

Background

The CSS property to change the background color of an element to XYZ 55.6292, 48.1041, 43.3988 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, 168) }
```

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

```
.background{ background-color: rgb(237,  
166, 168) }
```

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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