

Converting Colors

XYZ(53.6794, 43.1461, 50.4492)

Have a look what the booklet for
XYZ(53.6794, 43.1461, 50.4492)
contains.

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Color

**XYZ(53.5455, 43.0445,
50.2860)**

Conversions

Conversions Part 1

Format	Color
Hex	EA97B7
RGB	234, 151, 183
RGB Percent	92%, 59%, 72%
CMY	0.0824, 0.4078, 0.2823
CMYK	0.00, 0.35, 0.22, 0.08
HSL	337°, 66%, 75%
HSV	337°, 35%, 92%
XYZ	53.5455, 43.0445, 50.2860
YIQ	179.4650, 39.1960, 27.5480

Conversions

Conversions Part 2

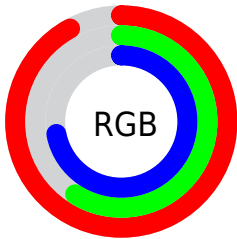
Format	Color
RYB	234, 151, 183
Decimal	15374263
CIELab	71.59, 35.43, -3.58
CIELCh	72, 35.609, 354.222
Yxy	43.0445, 0.3646, 0.2931
Android (android.graphics.Color)	4293564343 (0xFFEA97B7)
YUV	179.4650, 1.7428, 47.8272
Hunter-Lab	65.6083, 30.8663, 0.4825

Details

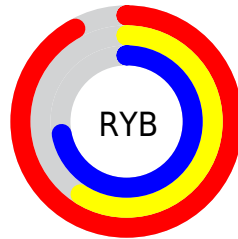
The XYZ color **53.5455, 43.0445, 50.2860** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **52.8478, 69.6903, 66.5466**, and the grayscale version is **43.0732, 45.3164, 49.3496**.

A 20% lighter version of the original color is **78.8913, 71.6346, 91.3302**, and **26.6226, 19.8825, 23.5536** is the 20% darker color. If you saturate the color by 10%, you get **48.7257, 35.6786, 41.6688**, and if you desaturate by 10%, it is **59.2681, 51.9703, 59.9595**.

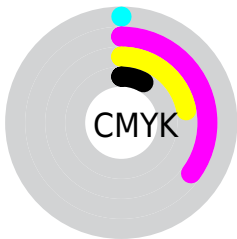
Distribution



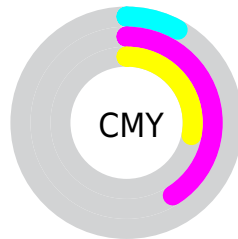
- Red (92%)
- Green (59%)
- Blue (72%)



- Red (92%)
- Yellow (59%)
- Blue (72%)



- Cyan (0%)
- Magenta (35%)
- Yellow (22%)
- Black (8%)





- Cyan (8%)
- Magenta (41%)
- Yellow (28%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 53.5455, 43.0445, 50.2860 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 53.5455, 43.0445, 50.2860 by changing the saturation by 10% instead.


 53.5455, 43.0445,
50.2860


 53.5455, 43.0445,
50.2860


390.6012,
358.7947, 404.5504

 38.4676, 29.9200,
35.2679


 94.5674, 79.7780,
91.9991

 26.5247, 19.7779,
23.5841


 121.2421,
104.1558, 119.5313

 17.3513, 12.2337,
14.8161

152.5132,
133.0536, 152.0719

 10.5821, 6.9030,
8.5452

188.7460,
166.8556, 190.0395

 5.8518, 3.4015,
4.3530

230.3058,
205.9464, 233.8526

 2.7950, 1.3448,
1.8209

277.5581,

 1.0463, 0.1755,

250.7102, 283.9297

0.4417

330.8681,
301.5315, 340.6895

■ 0.0000, 0.0000,
0.0000

■ 53.5455, 43.0445,
50.2860

■ 53.5455, 43.0445,
50.2860

■ 48.7257, 35.6786,
41.6688

■ 59.2681, 51.9703,
59.9595

■ 44.7559, 29.7758,
34.0664

■ 65.9349, 62.5333,
70.7232

■ 41.5834, 25.2379,
27.4380

■ 73.5892, 74.8128,
82.6128

■ 39.1478, 21.9521,
21.7386

■ 82.2703, 88.8812,
95.6614

■ 37.3791, 19.7869,
16.9185

■ 87.7252, 96.2258,
108.4703

■ 36.1920, 18.5809,
12.9214

■ 87.7418, 96.2325,
108.5580

■ 35.7862, 18.2343,
11.3530

Harmonies

Analogous

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



51.0419, 43.0445, 69.0479



53.5455, 43.0445, 50.2860



52.4046, 43.0445, 34.5388

Triad

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



53.5455, 43.0445, 50.2860



36.3442, 43.0445, 22.6675



34.5104, 43.0445, 79.2413

Complementary

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



53.5455, 43.0445, 50.2860



52.8478, 69.6903, 66.5466

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.



31.2368, 43.0445, 61.8295



53.5455, 43.0445, 50.2860



32.2206, 43.0445, 30.0333

Square

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



53.5455, 43.0445, 50.2860



42.0891, 43.0445, 21.0147



30.4414, 43.0445, 43.6088



39.7580, 43.0445, 88.2000

Rectangle

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



53.5455, 43.0445, 50.2860



49.7826, 43.0445, 27.3385



30.4414, 43.0445, 43.6088



33.1641, 43.0445, 74.0039

Sweetspot

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



53.5467, 43.0465, 50.2869



84.0933, 82.3300, 92.1660



49.9532, 40.4658, 83.0201



17.7327, 17.1948, 19.3111



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.



53.5467, 43.0465, 50.2869



60.4553, 45.2324, 52.9074



51.9689, 44.6285, 35.1557



15.3058, 15.1502, 16.8957



20.1669, 10.2694, 6.6800



1.6294, 0.8247, 0.7656

Inverse Universe

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



53.5467, 43.0465, 50.2869



60.4553, 45.2324, 52.9074



54.7300, 66.7506, 87.8418



15.3058, 15.1502, 16.8957



20.1669, 10.2694, 6.6800



1.6294, 0.8247, 0.7656

Previews

White Background



This preview shows how the XYZ color 53.5455, 43.0445, 50.2860 looks on a white background.

Color Contrast Check

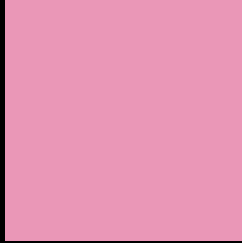
Large Text (above 18pt) WCAG AA × Fail

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 53.5455, 43.0445, 50.2860 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 53.5455, 43.0445, 50.2860

Background



This preview shows how black text looks on a background with the XYZ color 53.5455, 43.0445, 50.2860.



This preview shows how white text looks on a background with the XYZ color 53.5455, 43.0445,

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

53.5455, 43.0445, 50.2860

Protanopia

42.2274, 43.0740, 58.9118

Deuteranopia

44.0988, 43.1211, 49.1790



Tritanopia

51.7172, 43.0202, 41.6543

Trichromacy



Original Color

53.5455, 43.0445, 50.2860

Protanomaly

45.6563, 42.6803, 55.7009

Deuteranomaly

47.1698, 42.7960, 49.4904

Tritanomaly

52.4419, 43.0847, 44.5819

Monochromacy



Original Color

53.5455, 43.0445, 50.2860

Achromatopsia

42.8472, 45.0786, 49.0906

Achromatomaly

45.9794, 43.8133, 49.2135

CSS Examples

Text

The CSS property to change the color of the text to XYZ 53.5455, 43.0445, 50.2860 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(234, 151, 183)` looks like.

```
.text, #text, p{  
    color:rgb(234, 151, 183)  
}
```

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(234, 151, 183) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(234, 151, 183) }
```

Border

The CSS property to change the border of an element to XYZ 53.5455, 43.0445, 50.2860 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(234, 151, 183) }
```


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

```
.border{ border-color:rgb(234, 151, 183) }
```

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

Here you see how a box with a 4 pixel `rgb(234, 151, 183)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(234, 151, 183); -webkit-box-  
shadow:4px 4px 4px 4px rgb(234, 151, 183);  
box-shadow:4px 4px 4px 4px rgb(234, 151,  
183) }
```

Background

The CSS property to change the background color of an element to XYZ 53.5455, 43.0445, 50.2860 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(234, 151, 183) }
```

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

```
.background{ background-color: rgb(234,  
151, 183) }
```

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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