

# Converting Colors

XYZ(53.1384, 43.7917, 50.3179)

Have a look what the booklet for  
XYZ(53.1384, 43.7917, 50.3179)  
contains.

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# Color

**XYZ(53.2236, 43.8505,  
50.4586)**

# Conversions

## Conversions Part 1

Format	Color
Hex	E79BB7
RGB	231, 155, 183
RGB Percent	91%, 61%, 72%
CMY	0.0941, 0.3921, 0.2823
CMYK	0.00, 0.33, 0.21, 0.09
HSL	338°, 61%, 76%
HSV	338°, 33%, 91%
XYZ	53.2236, 43.8505, 50.4586
YIQ	180.9160, 36.3080, 24.8200

# Conversions

## Conversions Part 2

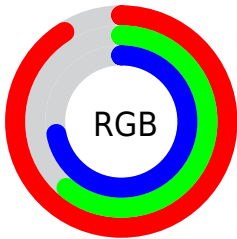
Format	Color
R <sub>Y</sub> B	231, 155, 183
Decimal	15178679
CIE Lab	72.13, 32.26, -2.82
CIE LCh	72, 32.381, 354.995
Yxy	43.8505, 0.3608, 0.2972
Android (android.graphics.Color)	4293368759 (0xFFE79BB7)
YUV	180.9160, 1.0274, 43.9237
Hunter-Lab	66.2197, 27.5836, 1.1756

# Details

The XYZ color **53.2236, 43.8505, 50.4586** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **52.8749, 68.4333, 66.9253**, and the grayscale version is **43.8576, 46.1416, 50.2482**.

A 20% lighter version of the original color is **79.8666, 73.5852, 91.6553**, and **26.3351, 20.3109, 23.6515** is the 20% darker color. If you saturate the color by 10%, you get **48.2999, 36.3085, 41.7093**, and if you desaturate by 10%, it is **59.0426, 52.9303, 60.2840**.

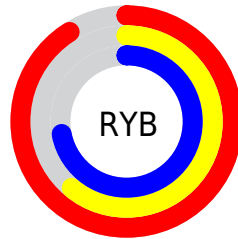
# Distribution



Red (91%)

Green (61%)

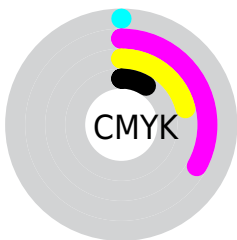
Blue (72%)



Red (91%)

Yellow (61%)

Blue (72%)

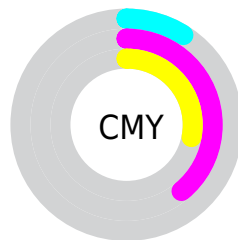


Cyan (0%)

Magenta (33%)

Yellow (21%)

Black (9%)



Cyan (9%)

Magenta (39%)


Yellow (28%)


# Brightness & Saturation Gradients

These gradients show how the XYZ color 53.2236, 43.8505, 50.4586 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 53.2236, 43.8505, 50.4586 by changing the saturation by 10% instead.





 53.2236, 43.8505,  
50.4586


 53.2236, 43.8505,  
50.4586


389.3892,  
362.0979, 405.2430

 38.2095, 30.5530,  
35.4042

 94.0969, 80.9927,  
92.2573

 26.3233, 20.2587,  
23.6884


 120.6868,  
105.6063, 119.8386

 17.1996, 12.5832,  
14.8925


151.8660,  
134.7606, 152.4327

 10.4731, 7.1422,  
8.5982

187.9999,  
168.8401, 190.4581

 5.7784, 3.5512,  
4.3868

229.4538,  
208.2292, 234.3332

 2.7502, 1.4258,  
1.8399

276.5931,

 1.0231, 0.2356,

253.3122, 284.4767

0.4541

329.7831,  
304.4737, 341.3071

■ 0.0000, 0.0000,  
0.0000

■ 53.2236, 43.8505,  
50.4586

■ 53.2236, 43.8505,  
50.4586

■ 48.2999, 36.3085,  
41.7093

■ 59.0426, 52.9303,  
60.2840

■ 44.2209, 30.2120,  
33.9943

■ 65.7965, 63.6210,  
71.2199

■ 40.9366, 25.4685,  
27.2727

■ 73.5268, 75.9984,  
83.3021

■ 38.3896, 21.9720,  
21.4993

■ 82.2716, 90.1317,  
96.5642

■ 36.5146, 19.6003,  
16.6247

■ 86.7652, 95.7290,  
108.5123

■ 35.2330, 18.2063,  
12.5934

■ 34.5988, 17.6465,  
10.1972

# Harmonies

## Analogous

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



51.0327, 43.8505, 67.4842



53.2236, 43.8505, 50.4586



52.1044, 43.8505, 35.9742

# Triad

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



53.2236, 43.8505, 50.4586



37.3352, 43.8505, 25.0792



35.8585, 43.8505, 77.3674

# Complementary

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



53.2236, 43.8505, 50.4586



52.8749, 68.4333, 66.9253

# 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.



32.7455, 43.8505, 61.8401



53.2236, 43.8505, 50.4586



33.5436, 43.8505, 32.2885

# Square

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



53.2236, 43.8505, 50.4586



42.6154, 43.8505, 23.3358



31.9369, 43.8505, 45.1319



40.7556, 43.8505, 85.0669



# Rectangle

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



53.2236, 43.8505, 50.4586



49.6794, 43.8505, 29.2518



31.9369, 43.8505, 45.1319



34.5865, 43.8505, 72.7437

# Sweetspot

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



53.2248, 43.8526, 50.4595



84.9622, 83.8014, 93.2765



50.4679, 41.7525, 81.0008



17.9036, 17.4872, 19.5203



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.



53.2248, 43.8526, 50.4595



62.5881, 48.7002, 56.0786



52.1246, 45.8608, 37.1176



14.5954, 14.4553, 16.0698



19.4513, 9.9147, 6.0053



1.4810, 0.7501, 0.6734



# Inverse Universe

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



53.2248, 43.8526, 50.4595



62.5881, 48.7002, 56.0786



54.0996, 65.0527, 85.3068



14.5954, 14.4553, 16.0698



19.4513, 9.9147, 6.0053



1.4810, 0.7501, 0.6734



# Previews

## White Background



This preview shows how the XYZ color 53.2236, 43.8505, 50.4586 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

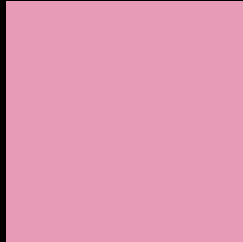
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the XYZ color 53.2236, 43.8505, 50.4586 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

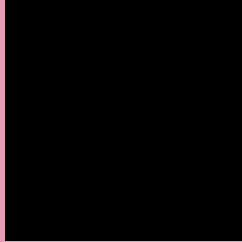
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

**XYZ 53.2236, 43.8505, 50.4586**

## **Background**



This preview shows how black text looks on a background with the XYZ color 53.2236, 43.8505, 50.4586.



This preview shows how white text looks on a background with the XYZ color 53.2236, 43.8505,

50.4586.

# 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

53.2236, 43.8505, 50.4586

### Protanopia

43.1683, 44.1502, 58.4712

### Deuteranopia

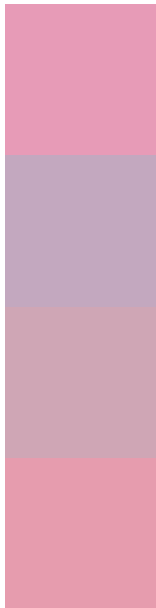
44.9831, 44.1378, 49.3286



## Tritanopia

51.5315, 43.6365, 43.2428

# Trichromacy



## Original Color

53.2236, 43.8505, 50.4586

## Protanomaly

45.9123, 43.3690, 55.2414

## Deuteranomaly

47.7088, 43.8740, 49.6701

## Tritanomaly

52.1616, 43.6559, 45.7216

# Monochromacy



## Original Color

53.2236, 43.8505, 50.4586

## Achromatopsia

43.9204, 46.2077, 50.3202

## Achromatomaly

46.7492, 45.0246, 50.4826

# CSS Examples

## Text

The CSS property to change the color of the text to XYZ 53.2236, 43.8505, 50.4586 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(231, 155, 183)` looks like.

```
.text, #text, p{  
    color:rgb(231, 155, 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(231, 155, 183) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(231, 155, 183) }
```

## Border

The CSS property to change the border of an element to XYZ 53.2236, 43.8505, 50.4586 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(231, 155, 183) }
```



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

```
.border{ border-color:rgb(231, 155, 183) }
```

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

Here you see how a box with a 4 pixel `rgb(231, 155, 183)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(231, 155, 183); -webkit-box-  
shadow:4px 4px 4px 4px rgb(231, 155, 183);  
box-shadow:4px 4px 4px 4px rgb(231, 155,  
183) }
```

# Background

The CSS property to change the background color of an element to XYZ 53.2236, 43.8505, 50.4586 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(231, 155, 183) }
```

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

```
.background{ background-color: rgb(231,  
155, 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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