

Converting Colors

XYZ(53.4357, 43.4515, 40.2209)

Have a look what the booklet for
XYZ(53.4357, 43.4515, 40.2209)
contains.

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Color

**XYZ(53.4357, 43.4515,
40.2209)**

Conversions

Conversions Part 1

Format	Color
Hex	EF98A3
RGB	239, 152, 163
RGB Percent	94%, 60%, 64%
CMY	0.0627, 0.4039, 0.3608
CMYK	0.00, 0.36, 0.32, 0.06
HSL	352°, 73%, 77%
HSV	352°, 36%, 94%
XYZ	53.4357, 43.4515, 40.2209
YIQ	179.2670, 48.3210, 21.8650

Conversions

Conversions Part 2

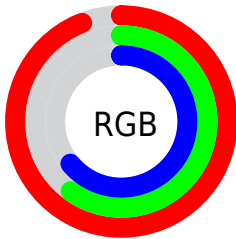
Format	Color
R_{YB}	239, 152, 163
Decimal	15702179
CIE _{Lab}	71.86, 33.96, 7.98
CIE _{LCh}	72, 34.885, 13.224
Yxy	43.4515, 0.3897, 0.3169
Android (android.graphics.Color)	4293892259 (0xFFEF98A3)
YUV	179.2670, -8.0196, 52.3858
Hunter-Lab	65.9178, 29.3435, 9.9656

Details

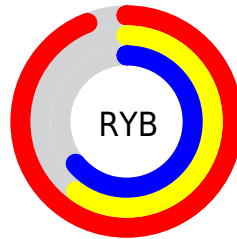
The XYZ color **53.4357, 43.4515, 40.2209** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **57.8210, 74.0109, 84.6407**, and the grayscale version is **43.0145, 45.2547, 49.2823**.

A 20% lighter version of the original color is **76.2077, 70.9476, 76.0073**, and **26.4825, 20.0858, 17.5201** is the 20% darker color. If you saturate the color by 10%, you get **48.2213, 35.7734, 30.0025**, and if you desaturate by 10%, it is **59.7428, 52.8203, 52.3282**.

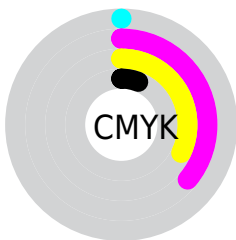
Distribution



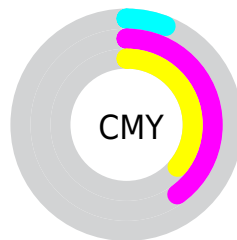
- Red (94%)
- Green (60%)
- Blue (64%)



- Red (94%)
- Yellow (60%)
- Blue (64%)



- Cyan (0%)
- Magenta (36%)
- Yellow (32%)
- Black (6%)





- Cyan (6%)
- Magenta (40%)
- Yellow (36%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 53.4357, 43.4515, 40.2209 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 53.4357, 43.4515, 40.2209 by changing the saturation by 10% instead.


 53.4357, 43.4515,
40.2209


 53.4357, 43.4515,
40.2209

390.1880,
360.4653, 362.6335

 38.3796, 30.2395,
27.3957


 94.4069, 80.3917,
76.7405

 26.4560, 20.0205,
17.6356


 121.0528,
104.8888, 101.2721

 17.2995, 12.4099,
10.5219


152.2926,
133.9164, 130.5428

 10.5449, 7.0235,
5.6363

188.4916,
167.8588, 164.9713

 5.8267, 3.4768,
2.5600

230.0154,
207.1005, 204.9761

 2.7797, 1.3854,
0.8717

277.2291,

 1.0383, 0.2060,

252.0259, 250.9757

0.0000

330.4982,
303.0194, 303.3886

■ 0.0000, 0.0000,
0.0000

■ 53.4357, 43.4515,
40.2209

■ 53.4357, 43.4515,
40.2209

■ 48.2213, 35.7734,
30.0025

■ 59.7428, 52.8203,
52.3282

■ 44.0338, 29.6794,
21.5750

■ 67.1966, 63.9658,
66.4107

■ 40.8057, 25.0602,
14.8353

■ 75.8514, 76.9755,
82.5521

■ 38.4596, 21.7902,
9.6686

■ 85.7574, 91.9294,
100.8309

■ 36.9061, 19.7229,
5.9458

■ 89.4067, 97.0908,
108.6359

■ 36.0355, 18.6758,
3.5160

■ 35.8337, 18.4456,
2.9139

Harmonies

Analogous

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



53.2186, 43.4515, 57.3861



53.4357, 43.4515, 40.2209



50.1864, 43.4515, 28.2710

Triad

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



53.4357, 43.4515, 40.2209



33.9658, 43.4515, 27.2671



38.0921, 43.4515, 86.0133

Complementary

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



53.4357, 43.4515, 40.2209



57.8210, 74.0109, 84.6407

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.



33.5287, 43.4515, 73.4125



53.4357, 43.4515, 40.2209



31.3075, 43.4515, 38.4906

Square

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



53.4357, 43.4515, 40.2209



38.7431, 43.4515, 22.0925



31.1556, 43.4515, 55.1895



43.9656, 43.4515, 86.7966

Rectangle

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



53.4357, 43.4515, 40.2209



46.6571, 43.4515, 23.7185



31.1556, 43.4515, 55.1895



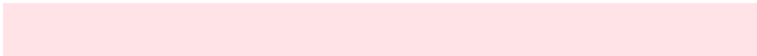
36.3683, 43.4515, 82.9032

Sweetspot

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



53.4369, 43.4536, 40.2218



83.0480, 81.9119, 86.6615



58.6145, 45.0867, 87.2748



17.4851, 17.0957, 18.0069



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.



53.4369, 43.4536, 40.2218



57.1166, 43.2786, 37.2328



58.3852, 54.8591, 37.2200



15.8541, 15.7913, 16.7878



19.8282, 10.2037, 1.7459



1.6753, 0.8592, 0.2811

Inverse Universe

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



53.4369, 43.4536, 40.2218



57.1166, 43.2786, 37.2328



50.8677, 57.5833, 90.0952



15.8541, 15.7913, 16.7878



19.8282, 10.2037, 1.7459



1.6753, 0.8592, 0.2811

Previews

White Background



This preview shows how the XYZ color 53.4357, 43.4515, 40.2209 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 53.4357, 43.4515, 40.2209 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

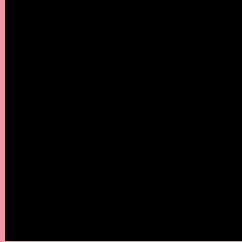
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 53.4357, 43.4515, 40.2209

Background



This preview shows how black text looks on a background with the XYZ color 53.4357, 43.4515, 40.2209.



This preview shows how white text looks on a background with the XYZ color 53.4357, 43.4515,

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

53.4357, 43.4515, 40.2209

Protanopia

42.1842, 43.8886, 47.3223

Deuteranopia

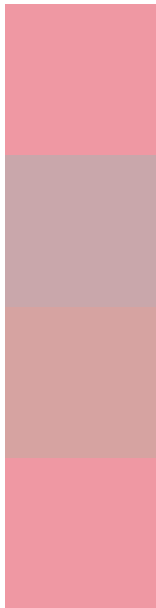
44.5393, 43.5669, 39.3195



Tritanopia

53.4357, 43.4515, 40.2209

Trichromacy



Original Color

53.4357, 43.4515, 40.2209

Protanomaly

45.2568, 42.9952, 44.4417

Deuteranomaly

47.2618, 43.0637, 39.5394

Tritanomaly

53.4357, 43.4515, 40.2209

Monochromacy



Original Color

53.4357, 43.4515, 40.2209

Achromatopsia

42.8472, 45.0786, 49.0906

Achromatomaly

45.8182, 43.8106, 45.5766

CSS Examples

Text

The CSS property to change the color of the text to XYZ 53.4357, 43.4515, 40.2209 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(239, 152, 163)` looks like.

```
.text, #text, p{  
    color:rgb(239, 152, 163)  
}
```

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(239, 152, 163) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(239, 152, 163) }
```

Border

The CSS property to change the border of an element to XYZ 53.4357, 43.4515, 40.2209 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(239, 152, 163) }
```


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

```
.border{ border-color:rgb(239, 152, 163) }
```

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

Here you see how a box with a 4 pixel rgb(239, 152, 163) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(239, 152, 163); -webkit-box-  
shadow:4px 4px 4px 4px rgb(239, 152, 163);  
box-shadow:4px 4px 4px 4px rgb(239, 152,  
163) }
```

Background

The CSS property to change the background color of an element to XYZ 53.4357, 43.4515, 40.2209 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(239, 152, 163) }
```

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

```
.background{ background-color: rgb(239,  
152, 163) }
```

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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