

Converting Colors

XYZ(53.0449, 42.5260, 40.5345)

Have a look what the booklet for
XYZ(53.0449, 42.5260, 40.5345)
contains.

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Color

**XYZ(53.0449, 42.5260,
40.5345)**

Conversions

Conversions Part 1

Format	Color
Hex	EF95A4
RGB	239, 149, 164
RGB Percent	94%, 58%, 64%
CMY	0.0627, 0.4157, 0.3569
CMYK	0.00, 0.38, 0.31, 0.06
HSL	350°, 74%, 76%
HSV	350°, 38%, 94%
XYZ	53.0449, 42.5260, 40.5345
YIQ	177.6200, 48.8250, 23.7450

Conversions

Conversions Part 2

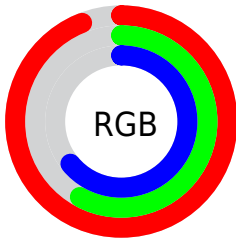
Format	Color
R _Y B	239, 149, 164
Decimal	15701412
CIE Lab	71.23, 35.66, 6.53
CIE LCh	71, 36.252, 10.370
Yxy	42.5260, 0.3897, 0.3124
Android (android.graphics.Color)	4293891492 (0xFFEF95A4)
YUV	177.6200, -6.7147, 53.8303
Hunter-Lab	65.2120, 31.0750, 8.7949

Details

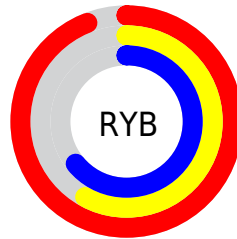
The XYZ color **53.0449, 42.5260, 40.5345** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **56.7175, 73.5054, 81.7236**, and the grayscale version is **42.1336, 44.3278, 48.2730**.

A 20% lighter version of the original color is **75.6190, 69.5602, 76.4587**, and **26.2554, 19.5430, 17.7176** is the 20% darker color. If you saturate the color by 10%, you get **47.9842, 35.0611, 30.6573**, and if you desaturate by 10%, it is **59.1655, 51.6593, 52.1557**.

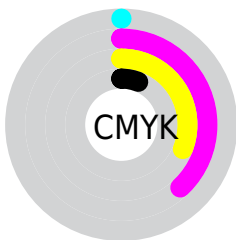
Distribution



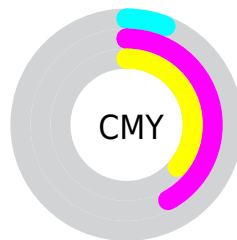
- Red (94%)
- Green (58%)
- Blue (64%)



- Red (94%)
- Yellow (58%)
- Blue (64%)



- Cyan (0%)
- Magenta (38%)
- Yellow (31%)
- Black (6%)





- Cyan (6%)
- Magenta (42%)
- Yellow (36%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 53.0449, 42.5260, 40.5345 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 53.0449, 42.5260, 40.5345 by changing the saturation by 10% instead.


 53.0449, 42.5260,
40.5345


 53.0449, 42.5260,
40.5345


388.7154,
356.6588, 363.9901

 38.0662, 29.5134,
27.6386


 93.8356, 78.9951,
77.2227

 26.2115, 19.4695,
17.8167

 120.3783,
103.2203, 101.8521

 17.1155, 12.0100,
10.6504


151.5064,
131.9519, 131.2297

 10.4127, 6.7505,
5.7211

187.5853,
165.5743, 165.7741

 5.7378, 3.3066,
2.6102

228.9803,
204.4717, 205.9038

 2.7254, 1.2938,
0.8977

276.0567,

 1.0103, 0.1364,

249.0287, 252.0373

0.0000

329.1800,
299.6296, 304.5933

■ 0.0000, 0.0000,
0.0000

■ 53.0449, 42.5260,
40.5345

■ 53.0449, 42.5260,
40.5345

■ 47.9842, 35.0611,
30.6573

■ 59.1655, 51.6593,
52.1557

■ 43.9190, 29.1577,
22.4368

■ 66.3985, 62.5472,
65.5974

■ 40.7833, 24.7060,
15.7819

■ 74.7970, 75.2773,
80.9344

■ 38.5015, 21.5794,
10.5913

■ 84.4096, 89.9295,
98.2367

■ 36.9857, 19.6294,
6.7516

■ 89.4066, 97.0907,
108.6359

■ 36.1215, 18.6580,
4.1294

■ 35.9766, 18.5027,
3.6668

Harmonies

Analogous

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



52.4615, 42.5260, 58.4873



53.0449, 42.5260, 40.5345



49.9972, 42.5260, 27.8262

Triad

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



53.0449, 42.5260, 40.5345



33.3103, 42.5260, 25.1919



36.6179, 42.5260, 85.5412

Complementary

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



53.0449, 42.5260, 40.5345



56.7175, 73.5054, 81.7236

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.



32.1508, 42.5260, 71.5526



53.0449, 42.5260, 40.5345



30.3778, 42.5260, 35.9415

Square

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



53.0449, 42.5260, 40.5345



38.3516, 42.5260, 20.5600



29.9758, 42.5260, 52.5956



42.5608, 42.5260, 87.6650

Rectangle

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



53.0449, 42.5260, 40.5345



46.4796, 42.5260, 22.8715



29.9758, 42.5260, 52.5956



34.9108, 42.5260, 81.9310

Sweetspot

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



53.0461, 42.5281, 40.5353



83.2075, 81.9756, 87.5013



57.0693, 43.5764, 87.0647



17.5228, 17.1108, 18.2054



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.



53.0461, 42.5281, 40.5353



56.9448, 42.6054, 38.1915



57.1430, 52.7628, 35.6090



15.8802, 15.8018, 16.9255



19.9134, 10.2378, 2.1948



1.6877, 0.8641, 0.3463

Inverse Universe

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



53.0461, 42.5281, 40.5353



56.9448, 42.6054, 38.1915



50.7766, 58.2242, 90.2236



15.8802, 15.8018, 16.9255



19.9134, 10.2378, 2.1948



1.6877, 0.8641, 0.3463

Previews

White Background



This preview shows how the XYZ color 53.0449, 42.5260, 40.5345 looks on a white background.

Color Contrast Check

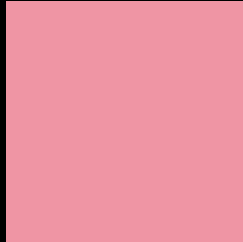
Large Text (above 18pt) WCAG AA × Fail

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 53.0449, 42.5260, 40.5345 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 53.0449, 42.5260, 40.5345

Background



This preview shows how black text looks on a background with the XYZ color 53.0449, 42.5260, 40.5345.



This preview shows how white text looks on a background with the XYZ color 53.0449, 42.5260,

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

53.0449, 42.5260, 40.5345

Protanopia

41.3034, 42.8336, 48.2103

Deuteranopia

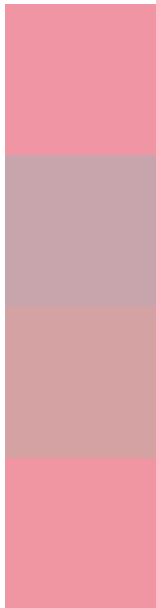
43.6469, 42.8195, 39.6828



Tritanopia

52.9360, 42.7366, 39.1772

Trichromacy



Original Color

53.0449, 42.5260, 40.5345

Protanomaly

44.8174, 42.2068, 45.3198

Deuteranomaly

46.5933, 42.4463, 39.9196

Tritanomaly

53.0245, 42.7721, 39.6436

Monochromacy



Original Color

53.0449, 42.5260, 40.5345

Achromatopsia

42.3164, 44.5201, 48.4824

Achromatomaly

45.1810, 42.9339, 45.4409

CSS Examples

Text

The CSS property to change the color of the text to XYZ 53.0449, 42.5260, 40.5345 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, 149, 164)` looks like.

```
.text, #text, p{  
    color:rgb(239, 149, 164)  
}
```

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, 149, 164) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(239, 149, 164) }
```

Border

The CSS property to change the border of an element to XYZ 53.0449, 42.5260, 40.5345 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, 149, 164) }
```


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

```
.border{ border-color:rgb(239, 149, 164) }
```

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

Here you see how a box with a 4 pixel `rgb(239, 149, 164)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(239, 149, 164); -webkit-box-  
shadow:4px 4px 4px 4px rgb(239, 149, 164);  
box-shadow:4px 4px 4px 4px rgb(239, 149,  
164) }
```

Background

The CSS property to change the background color of an element to XYZ 53.0449, 42.5260, 40.5345 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(239, 149, 164) }
```

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

```
.background{ background-color: rgb(239,  
149, 164) }
```

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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