

Converting Colors

XYZ(53.1515, 39.5037, 52.8702)

Have a look what the booklet for
XYZ(53.1515, 39.5037, 52.8702)
contains.

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Color

**XYZ(53.2494, 39.4596,
52.9540)**

Conversions

Conversions Part 1

Format	Color
Hex	EE88BD
RGB	238, 136, 189
RGB Percent	93%, 53%, 74%
CMY	0.0667, 0.4666, 0.2588
CMYK	0.00, 0.43, 0.21, 0.07
HSL	329°, 75%, 73%
HSV	329°, 43%, 93%
XYZ	53.2494, 39.4596, 52.9540
YIQ	172.5400, 43.7790, 38.1070

Conversions

Conversions Part 2

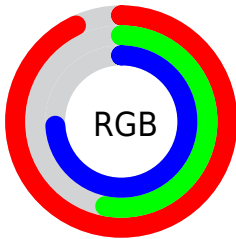
Format	Color
R _Y B	238, 136, 189
Decimal	15632573
CIE Lab	69.08, 45.45, -10.59
CIE LCh	69, 46.668, 346.889
Yxy	39.4596, 0.3656, 0.2709
Android (android.graphics.Color)	4293822653 (0xFFEE88BD)
YUV	172.5400, 8.1148, 57.4084
Hunter-Lab	62.8169, 41.3836, -6.0091

Details

The XYZ color **53.2494, 39.4596, 52.9540** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **49.4867, 69.8873, 56.7837**, and the grayscale version is **39.4321, 41.4856, 45.1778**.

A 20% lighter version of the original color is **76.3522, 65.1142, 94.9303**, and **26.3596, 17.6674, 25.3134** is the 20% darker color. If you saturate the color by 10%, you get **49.0695, 33.0081, 45.6768**, and if you desaturate by 10%, it is **58.2736, 47.4422, 60.9963**.

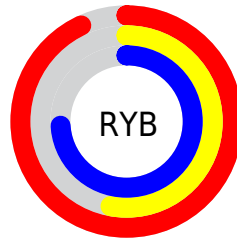
Distribution



Red (93%)

Green (53%)

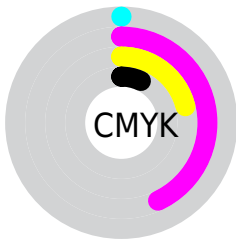
Blue (74%)



Red (93%)

Yellow (53%)

Blue (74%)

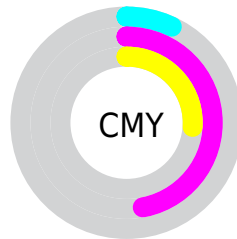


Cyan (0%)

Magenta (43%)

Yellow (21%)

Black (7%)



Cyan (7%)


Magenta (47%)


Yellow (26%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 53.2494, 39.4596, 52.9540 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 53.2494, 39.4596, 52.9540 by changing the saturation by 10% instead.


 53.2494, 39.4596,
52.9540


 53.2494, 39.4596,
52.9540


389.4865,
343.8406, 415.1699


 38.2302, 27.1175,
37.3786

 94.1346, 74.3399,
95.9775

 26.3394, 17.6615,
25.2027


 120.7313, 97.6469,
124.2627

 17.2117, 10.7072,
16.0077

 151.9179,
125.3775, 157.6216

 10.4818, 5.8703,
9.3752

188.0597,
157.9163, 196.4727

 5.7843, 2.7664,
4.8866

229.5222,
195.6476, 241.2345

 2.7538, 1.0110,
2.1233

276.6705,

 1.0249, 0.0000,

238.9558, 292.3256

0.6296

329.8702,
288.2254, 350.1646

■ 0.0000, 0.0000,
0.0000

■ 53.2494, 39.4596,
52.9540

■ 53.2494, 39.4596,
52.9540

■ 49.0695, 33.0081,
45.6768

■ 58.2736, 47.4422,
60.9963

■ 45.6784, 27.9816,
39.1338

■ 64.1861, 57.0418,
69.8277

■ 43.0190, 24.2692,
33.2950

■ 71.0317, 68.3441,
79.4742

■ 41.0244, 21.7410,
28.1262

■ 78.8512, 81.4277,
89.9591

■ 39.6140, 20.2397,
23.5880

■ 87.6809, 96.3616,
101.3045

■ 38.8768, 19.6239,
20.6954

■ 89.0701, 96.9173,
108.6201

Harmonies

Analogous

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



48.9587, 39.4596, 77.5229



53.2494, 39.4596, 52.9540



52.9414, 39.4596, 32.1193

Triad

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



53.2494, 39.4596, 52.9540



33.4975, 39.4596, 14.4601



28.5464, 39.4596, 80.3902

Complementary

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



53.2494, 39.4596, 52.9540



49.4867, 69.8873, 56.7837

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.



25.4053, 39.4596, 56.0123



53.2494, 39.4596, 52.9540



27.9937, 39.4596, 20.5923

Square

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



53.2494, 39.4596, 52.9540



40.8477, 39.4596, 14.1243



25.2174, 39.4596, 34.3181



34.3501, 39.4596, 96.5529

Rectangle

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



53.2494, 39.4596, 52.9540



50.1617, 39.4596, 22.7520



25.2174, 39.4596, 34.3181



27.1796, 39.4596, 72.5782

Sweetspot

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



53.2506, 39.4615, 52.9548



82.9124, 79.6593, 92.7246



43.9101, 33.9246, 85.1233



17.3474, 16.3876, 19.2949



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.



53.2506, 39.4615, 52.9548



58.1396, 39.7435, 54.7798



48.7551, 37.6633, 29.2820



16.1158, 15.8960, 18.1660



21.7551, 10.9744, 11.8926



1.8601, 0.9331, 1.2541

Inverse Universe

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



53.2506, 39.4615, 52.9548



58.1396, 39.7435, 54.7798



55.6669, 72.3594, 89.3281



16.1158, 15.8960, 18.1660



21.7551, 10.9744, 11.8926



1.8601, 0.9331, 1.2541

Previews

White Background



This preview shows how the XYZ color 53.2494, 39.4596, 52.9540 looks on a white background.

Color Contrast Check

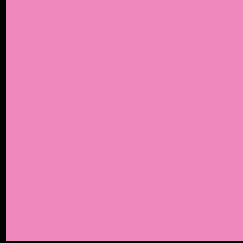
Large Text (above 18pt) WCAG AA × Fail

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 53.2494, 39.4596, 52.9540 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

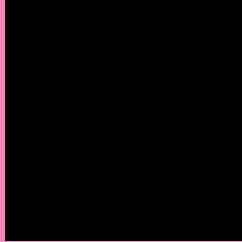
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 53.2494, 39.4596, 52.9540

Background



This preview shows how black text looks on a background with the XYZ color 53.2494, 39.4596, 52.9540.



This preview shows how white text looks on a background with the XYZ color 53.2494, 39.4596,

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

53.2494, 39.4596, 52.9540

Protanopia

39.7497, 39.6615, 66.5332

Deuteranopia

40.5176, 39.5953, 50.8546



Tritanopia

49.5039, 39.4373, 35.1400

Trichromacy



Original Color

53.2494, 39.4596, 52.9540



Protanomaly

43.2882, 38.7326, 61.0717



Deuteranomaly

44.2379, 38.9357, 51.6381



Tritanomaly

50.5220, 39.1715, 40.9745

Monochromacy



Original Color

53.2494, 39.4596, 52.9540



Achromatopsia

39.7200, 41.7885, 45.5077



Achromatomaly

43.7334, 40.2666, 48.1151

CSS Examples

Text

The CSS property to change the color of the text to XYZ 53.2494, 39.4596, 52.9540 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(238, 136, 189)` looks like.

```
.text, #text, p{  
    color:rgb(238, 136, 189)  
}
```

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(238, 136, 189) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(238, 136, 189) }
```

Border

The CSS property to change the border of an element to XYZ 53.2494, 39.4596, 52.9540 is called "border". The border property can be set on classes, ids or directly on the HTML element.

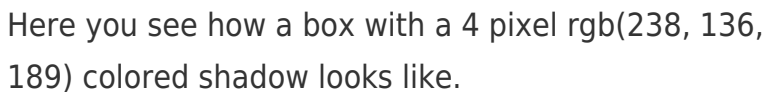
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(238, 136, 189) }
```


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

```
.border{ border-color:rgb(238, 136, 189) }
```

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



Here you see how a box with a 4 pixel `rgb(238, 136, 189)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(238, 136, 189); -webkit-box-shadow:4px 4px 4px 4px rgb(238, 136, 189); box-shadow:4px 4px 4px 4px rgb(238, 136, 189) }
```

Background

The CSS property to change the background color of an element to XYZ 53.2494, 39.4596, 52.9540 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(238, 136, 189) }
```

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

```
.background{ background-color: rgb(238,  
136, 189) }
```

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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