

Converting Colors

XYZ(53.4286, 44.4439, 39.7234)

Have a look what the booklet for
XYZ(53.4286, 44.4439, 39.7234)
contains.

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Color

**XYZ(53.3351, 44.3901,
39.9395)**

Conversions

Conversions Part 1

Format	Color
Hex	ED9CA2
RGB	237, 156, 162
RGB Percent	93%, 61%, 64%
CMY	0.0706, 0.3882, 0.3647
CMYK	0.00, 0.34, 0.32, 0.07
HSL	356°, 69%, 77%
HSV	356°, 34%, 93%
XYZ	53.3351, 44.3901, 39.9395
YIQ	180.9030, 46.3500, 19.0380

Conversions

Conversions Part 2

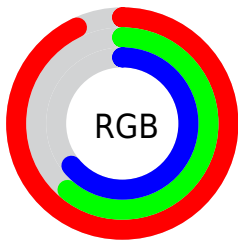
Format	Color
R _{YB}	237, 156, 162
Decimal	15572130
CIE Lab	72.49, 30.99, 9.40
CIE LCh	72, 32.387, 16.870
Yxy	44.3901, 0.3874, 0.3225
Android (android.graphics.Color)	4293762210 (0xFFED9CA2)
YUV	180.9030, -9.3192, 49.1971
Hunter-Lab	66.6259, 26.2968, 11.0962

Details

The XYZ color **53.3351, 44.3901, 39.9395** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **58.4203, 73.4068, 86.6950**, and the grayscale version is **43.9009, 46.1871, 50.2978**.

A 20% lighter version of the original color is **77.0587, 72.8583, 75.6473**, and **26.3552, 20.6101, 17.3409** is the 20% darker color. If you saturate the color by 10%, you get **47.9556, 36.4853, 29.3472**, and if you desaturate by 10%, it is **59.8333, 53.9870, 52.5852**.

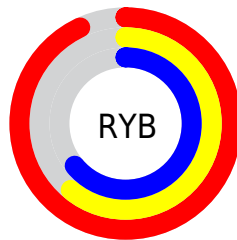
Distribution



Red (93%)

Green (61%)

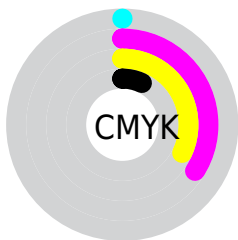
Blue (64%)



Red (93%)

Yellow (61%)

Blue (64%)

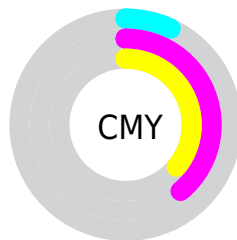


Cyan (0%)

Magenta (34%)

Yellow (32%)

Black (7%)



Cyan (7%)


Magenta (39%)


Yellow (36%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 53.3351, 44.3901, 39.9395 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 53.3351, 44.3901, 39.9395 by changing the saturation by 10% instead.


 53.3351, 44.3901,
39.9395

 53.3351, 44.3901,
39.9395


389.8093,
364.2978, 361.4130

 38.2989, 30.9773,
27.1779


 94.2599, 81.8044,
76.3075

 26.3930, 20.5816,
17.4733


 120.8792,
106.5748, 100.7509

 17.2521, 12.8185,
10.4070


152.0903,
135.8997, 129.9255

 10.5108, 7.3037,
5.5605

188.2585,
170.1637, 164.2496

 5.8038, 3.6527,
2.5153

229.7491,
209.7511, 204.1419

 2.7657, 1.4813,
0.8483

276.9275,

 1.0311, 0.2755,

255.0463, 250.0209

0.0000

330.1591,
306.4338, 302.3051

■ 0.0000, 0.0000,
0.0000

■ 53.3351, 44.3901,
39.9395

■ 53.3351, 44.3901,
39.9395

■ 47.9556, 36.4853,
29.3472

■ 59.8333, 53.9870,
52.5852

■ 43.6283, 30.1686,
20.6973

■ 67.5046, 65.3596,
67.3820

■ 40.2851, 25.3343,
13.8726

■ 76.4044, 78.5933,
84.4244

■ 37.8483, 21.8614,
8.7420

■ 86.5833, 93.7665,
103.8006

■ 36.2285, 19.6098,
5.1567

■ 88.7351, 96.7445,
108.6045

■ 35.3181, 18.4088,
2.9421

■ 35.0306, 18.0467,
2.1899

Harmonies

Analogous

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



53.5477, 44.3901, 55.6679



53.3351, 44.3901, 39.9395



49.9740, 44.3901, 29.1697

Triad

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



53.3351, 44.3901, 39.9395



34.8237, 44.3901, 30.1961



39.7968, 44.3901, 84.9335

Complementary

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



53.3351, 44.3901, 39.9395



58.4203, 73.4068, 86.6950

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.



35.2620, 44.3901, 74.4573



53.3351, 44.3901, 39.9395



32.5663, 44.3901, 41.6730

Square

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



53.3351, 44.3901, 39.9395



39.1486, 44.3901, 24.4558



32.7193, 44.3901, 57.8277



45.3880, 44.3901, 84.1785

Rectangle

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



53.3351, 44.3901, 39.9395



46.5557, 44.3901, 25.1930



32.7193, 44.3901, 57.8277



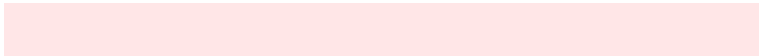
38.1088, 44.3901, 82.5254

Sweetspot

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



53.3363, 44.3922, 39.9404



83.8765, 83.3672, 87.5592



59.8892, 46.7579, 85.9895



17.6427, 17.3828, 18.1464



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.



53.3363, 44.3922, 39.9404



58.4061, 45.6917, 38.1739



59.2865, 57.1253, 39.3568



15.1107, 15.0721, 15.8683



19.1430, 9.8599, 1.2887



1.5190, 0.7806, 0.1844

Inverse Universe

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



53.3363, 44.3922, 39.9404



58.4061, 45.6917, 38.1739



50.4132, 56.0143, 88.2756



15.1107, 15.0721, 15.8683



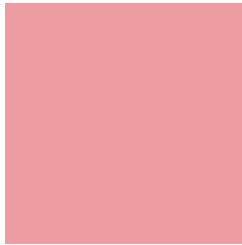
19.1430, 9.8599, 1.2887



1.5190, 0.7806, 0.1844

Previews

White Background



This preview shows how the XYZ color 53.3351, 44.3901, 39.9395 looks on a white background.

Color Contrast Check

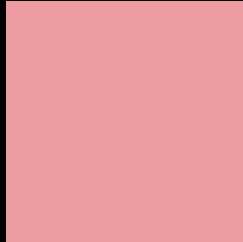
Large Text (above 18pt) WCAG AA × Fail

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 53.3351, 44.3901, 39.9395 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

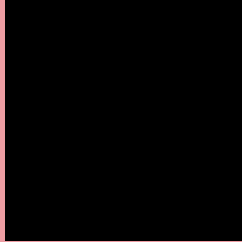
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 53.3351, 44.3901, 39.9395

Background



This preview shows how black text looks on a background with the XYZ color 53.3351, 44.3901, 39.9395.



This preview shows how white text looks on a background with the XYZ color 53.3351, 44.3901,

39.9395.

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

53.3351, 44.3901, 39.9395

Protanopia

42.6535, 44.4454, 46.3751

Deuteranopia

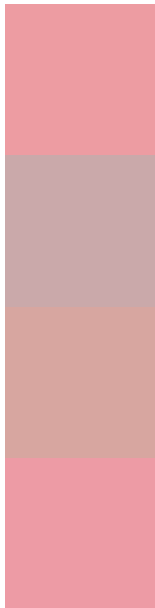
45.3677, 44.5648, 39.0116



Tritanopia

53.6214, 44.2372, 42.2717

Trichromacy



Original Color

53.3351, 44.3901, 39.9395

Protanomaly

45.8008, 43.8348, 44.0772

Deuteranomaly

48.0057, 44.2576, 39.2701

Tritanomaly

53.4379, 44.1638, 41.3053

Monochromacy



Original Color

53.3351, 44.3901, 39.9395

Achromatopsia

43.9204, 46.2077, 50.3202

Achromatomaly

46.4799, 44.9785, 46.2764

CSS Examples

Text

The CSS property to change the color of the text to XYZ 53.3351, 44.3901, 39.9395 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(237, 156, 162)` looks like.

```
.text, #text, p{  
    color:rgb(237, 156, 162)  
}
```

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(237, 156, 162) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(237, 156, 162) }
```

Border

The CSS property to change the border of an element to XYZ 53.3351, 44.3901, 39.9395 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(237, 156, 162) }
```


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

```
.border{ border-color:rgb(237, 156, 162) }
```

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

Here you see how a box with a 4 pixel `rgb(237, 156, 162)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(237, 156, 162); -webkit-box-  
shadow:4px 4px 4px 4px rgb(237, 156, 162);  
box-shadow:4px 4px 4px 4px rgb(237, 156,  
162) }
```

Background

The CSS property to change the background color of an element to XYZ 53.3351, 44.3901, 39.9395 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(237, 156, 162) }
```

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

```
.background{ background-color: rgb(237,  
156, 162) }
```

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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