

Converting Colors

XYZ(53.7880, 44.7177, 40.1377)

Have a look what the booklet for
XYZ(53.7880, 44.7177, 40.1377)
contains.

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Color

**XYZ(53.6699, 44.5627,
39.9552)**

Conversions

Conversions Part 1

Format	Color
Hex	EE9CA2
RGB	238, 156, 162
RGB Percent	93%, 61%, 64%
CMY	0.0667, 0.3882, 0.3647
CMYK	0.00, 0.34, 0.32, 0.07
HSL	356°, 71%, 77%
HSV	356°, 34%, 93%
XYZ	53.6699, 44.5627, 39.9552
YIQ	181.2020, 46.9460, 19.2500

Conversions

Conversions Part 2

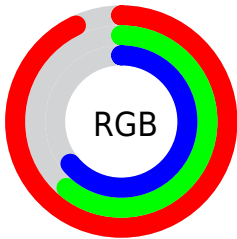
Format	Color
R _Y B	238, 156, 162
Decimal	15637666
CIE Lab	72.60, 31.36, 9.58
CIE LCh	73, 32.791, 16.983
Yxy	44.5627, 0.3884, 0.3225
Android (android.graphics.Color)	4293827746 (0xFFEE9CA2)
YUV	181.2020, -9.4666, 49.8118
Hunter-Lab	66.7553, 26.6886, 11.2417

Details

The XYZ color **53.6699, 44.5627, 39.9552** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **58.8522, 74.0441, 87.5378**, and the grayscale version is **44.0631, 46.3579, 50.4837**.

A 20% lighter version of the original color is **77.0587, 72.8583, 75.6473**, and **26.5872, 20.7297, 17.3518** is the 20% darker color. If you saturate the color by 10%, you get **48.2684, 36.6274, 29.3140**, and if you desaturate by 10%, it is **60.2002, 54.2047, 52.6706**.

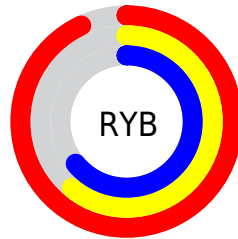
Distribution



Red (93%)

Green (61%)

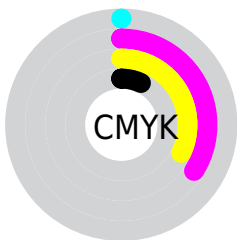
Blue (64%)



Red (93%)

Yellow (61%)

Blue (64%)

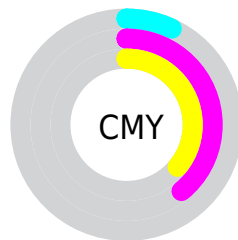


Cyan (0%)

Magenta (34%)

Yellow (32%)

Black (7%)



Cyan (7%)


Magenta (39%)


Yellow (36%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 53.6699, 44.5627, 39.9552 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 53.6699, 44.5627, 39.9552 by changing the saturation by 10% instead.


 53.6699, 44.5627,
39.9552


 53.6699, 44.5627,
39.9552


391.0689,
364.9996, 361.4812

 38.5674, 31.1131,
27.1901


 94.7491, 82.0638,
76.3316

 26.6026, 20.6850,
17.4823


 121.4566,
106.8841, 100.7800

 17.4100, 12.8939,
10.4134

152.7631,
136.2635, 129.9600

 10.6244, 7.3556,
5.5647

189.0341,
170.5863, 164.2899

 5.8803, 3.6854,
2.5178

230.6347,
210.2369, 204.1885

 2.8124, 1.4992,
0.8496

277.9305,

 1.0553, 0.2882,

255.5997, 250.0742

0.0000

331.2868,
307.0591, 302.3656

0.0000, 0.0000,
0.0000

53.6699, 44.5627,
39.9552

53.6699, 44.5627,
39.9552

48.2684, 36.6274,
29.3140

60.2002, 54.2047,
52.6706

43.9284, 30.2933,
20.6346

67.9146, 65.6380,
67.5595

40.5806, 25.4536,
13.7975

76.8689, 78.9493,
84.7178

38.1463, 21.9852,
8.6696

87.1146, 94.2177,
104.2349

36.5348, 19.7459,
5.0995

89.0699, 96.9171,
108.6201

■ 35.6363, 18.5622,
2.9091

■ 35.3642, 18.2189,
2.1996

Harmonies

Analogous

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



53.8990, 44.5627, 55.9047



53.6699, 44.5627, 39.9552



50.2429, 44.5627, 29.0741

Triad

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



53.6699, 44.5627, 39.9552



34.8690, 44.5627, 30.1743



39.9453, 44.5627, 85.7737

Complementary

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



53.6699, 44.5627, 39.9552



58.8522, 74.0441, 87.5378

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.



35.3400, 44.5627, 75.1389



53.6699, 44.5627, 39.9552



32.5904, 44.5627, 41.8182

Square

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



53.6699, 44.5627, 39.9552



39.2481, 44.5627, 24.3534



32.7547, 44.5627, 58.2316



45.6227, 44.5627, 84.9581

Rectangle

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



53.6699, 44.5627, 39.9552



46.7662, 44.5627, 25.0708



32.7547, 44.5627, 58.2316



38.2313, 44.5627, 83.3343

Sweetspot

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



53.6711, 44.5648, 39.9561



83.8732, 83.3659, 87.5421



60.3311, 46.9688, 86.7750



17.6419, 17.3825, 18.1423



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.



53.6711, 44.5648, 39.9561



58.3980, 45.6885, 38.1311



59.7115, 57.4784, 39.4026



15.8197, 15.7776, 16.6067



19.7469, 10.1712, 1.3177



1.6590, 0.8526, 0.1949

Inverse Universe

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



53.6711, 44.5648, 39.9561



58.3980, 45.6885, 38.1311



50.6980, 56.3494, 89.0933



15.8197, 15.7776, 16.6067



19.7469, 10.1712, 1.3177



1.6590, 0.8526, 0.1949

Previews

White Background



This preview shows how the XYZ color 53.6699, 44.5627, 39.9552 looks on a white background.

Color Contrast Check

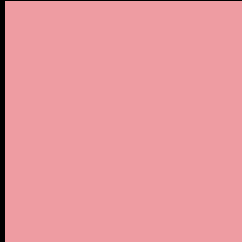
Large Text (above 18pt) WCAG AA × Fail

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 53.6699, 44.5627, 39.9552 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

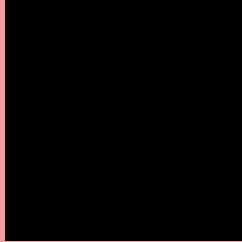
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 53.6699, 44.5627, 39.9552

Background



This preview shows how black text looks on a background with the XYZ color 53.6699, 44.5627, 39.9552.



This preview shows how white text looks on a background with the XYZ color 53.6699, 44.5627,

39.9552.

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

53.6699, 44.5627, 39.9552

Protanopia

43.0888, 44.9641, 46.4523

Deuteranopia

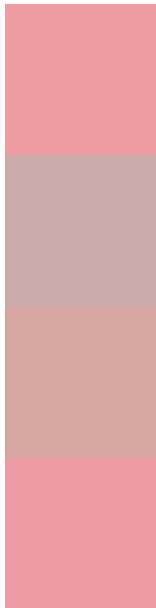
45.6391, 44.7048, 39.0243



Tritanopia

53.9563, 44.4099, 42.2874

Trichromacy



Original Color

53.6699, 44.5627, 39.9552

Protanomaly

46.2590, 44.3482, 44.1522

Deuteranomaly

48.3003, 44.4094, 39.2839

Tritanomaly

53.7728, 44.3364, 41.3210

Monochromacy



Original Color

53.6699, 44.5627, 39.9552

Achromatopsia

43.9204, 46.2077, 50.3202

Achromatomaly

46.7496, 45.1176, 46.2890

CSS Examples

Text

The CSS property to change the color of the text to XYZ 53.6699, 44.5627, 39.9552 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, 156, 162)` looks like.

```
.text, #text, p{  
    color:rgb(238, 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(238, 156, 162) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(238, 156, 162) }
```

Border

The CSS property to change the border of an element to XYZ 53.6699, 44.5627, 39.9552 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, 156, 162) }
```


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

```
.border{ border-color:rgb(238, 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(238, 156, 162)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(238, 156, 162); -webkit-box-  
shadow:4px 4px 4px 4px rgb(238, 156, 162);  
box-shadow:4px 4px 4px 4px rgb(238, 156,  
162) }
```

Background

The CSS property to change the background color of an element to XYZ 53.6699, 44.5627, 39.9552 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(238, 156, 162) }
```

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

```
.background{ background-color: rgb(238,  
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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