

Converting Colors

XYZ(55.3886, 44.3790, 54.9375)

Have a look what the booklet for
XYZ(55.3886, 44.3790, 54.9375)
contains.

XYZ(55.3873, 44.3769, 54.9366)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(55.3873, 44.3769,
54.9366)**

Conversions

Conversions Part 1

Format	Color
Hex	EC99BF
RGB	236, 153, 191
RGB Percent	93%, 60%, 75%
CMY	0.0745, 0.4000, 0.2510
CMYK	0.00, 0.35, 0.19, 0.07
HSL	333°, 69%, 76%
HSV	333°, 35%, 93%
XYZ	55.3873, 44.3769, 54.9366
YIQ	182.1490, 37.2700, 29.4140

Conversions

Conversions Part 2

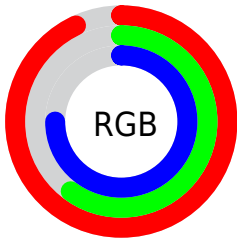
Format	Color
R _Y B	236, 153, 191
Decimal	15505855
CIE Lab	72.48, 36.25, -6.67
CIE LCh	72, 36.862, 349.577
Yxy	44.3769, 0.3580, 0.2869
Android (android.graphics.Color)	4293695935 (0xFFEC99BF)
YUV	182.1490, 4.3635, 47.2273
Hunter-Lab	66.6160, 31.8343, -2.2638

Details

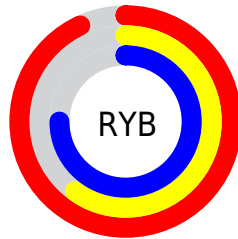
The XYZ color **55.3873, 44.3769, 54.9366** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **53.3273, 70.8417, 64.2926**, and the grayscale version is **44.5084, 46.8263, 50.9939**.

A 20% lighter version of the original color is **80.5844, 73.0872, 97.8557**, and **27.7350, 20.5330, 26.5462** is the 20% darker color. If you saturate the color by 10%, you get **50.5526, 36.8632, 46.6784**, and if you desaturate by 10%, it is **61.1115, 53.4717, 64.0993**.

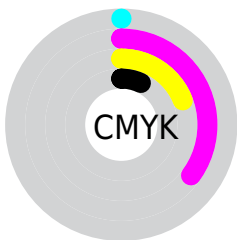
Distribution



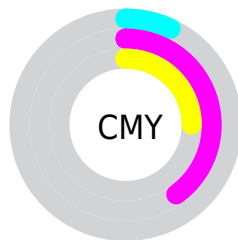
- Red (93%)
- Green (60%)
- Blue (75%)



- Red (93%)
- Yellow (60%)
- Blue (75%)



- Cyan (0%)
- Magenta (35%)
- Yellow (19%)
- Black (7%)





- Cyan (7%)
- Magenta (40%)
- Yellow (25%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 55.3873, 44.3769, 54.9366 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 55.3873, 44.3769, 54.9366 by changing the saturation by 10% instead.


 55.3873, 44.3769,
54.9366


 55.3873, 44.3769,
54.9366


397.4909,
364.2441, 422.9467

 39.9470, 30.9669,
38.9527


 97.2532, 81.7846,
98.9183

 27.6812, 20.5737,
26.4154


 124.4095,
106.5511, 127.7531

 18.2247, 12.8127,
16.9061


156.2018,
135.8719, 161.7087

 11.2121, 7.2997,
10.0063

192.9954,
170.1314, 201.2036

 6.2780, 3.6502,
5.2975

235.1558,
209.7139, 246.6563

 3.0571, 1.4799,
2.3611

283.0483,

 1.1840, 0.2745,

255.0040, 298.4854

0.7651

337.0382,
306.3859, 357.1093

■ 0.0937, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 55.3873, 44.3769,
54.9366

■ 55.3873, 44.3769,
54.9366

■ 50.5526, 36.8632,
46.6784

■ 61.1115, 53.4717,
64.0993

■ 46.5552, 30.8326,
39.2904

■ 67.7658, 64.2256,
74.1935

■ 43.3430, 26.1858,
32.7397

■ 75.3931, 76.7190,
85.2483

■ 40.8562, 22.8086,
26.9895

■ 84.0322, 91.0251,
97.2905

■ 39.0257, 20.5682,
21.9992

■ 88.3992, 96.5718,
108.5725

■ 37.7668, 19.3018,
17.7220

■ 88.4023, 96.5730,
108.5889

■ 37.3013, 18.9166,
15.8842

Harmonies

Analogous

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



52.1917, 44.3769, 74.7758



55.3873, 44.3769, 54.9366



54.7836, 44.3769, 37.5066

Triad

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



55.3873, 44.3769, 54.9366



38.2120, 44.3769, 22.2600



34.7351, 44.3769, 80.1906

Complementary

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



55.3873, 44.3769, 54.9366



53.3273, 70.8417, 64.2926

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.



31.6730, 44.3769, 61.0318



55.3873, 44.3769, 54.9366



33.5364, 44.3769, 28.9793

Square

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



55.3873, 44.3769, 54.9366



44.4304, 44.3769, 21.4080



31.2574, 44.3769, 42.2552



40.0048, 44.3769, 91.6037

Rectangle

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



55.3873, 44.3769, 54.9366



52.3255, 44.3769, 29.2617



31.2574, 44.3769, 42.2552



33.4369, 44.3769, 74.2475

Sweetspot

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



55.3886, 44.3790, 54.9375



84.3926, 82.4497, 93.7421



49.6293, 40.7473, 84.6067



17.8039, 17.2233, 19.6859



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.



55.3886, 44.3790, 54.9375



61.8843, 46.4365, 58.4831



52.1929, 43.8337, 35.8494



15.3523, 15.1688, 17.1403



20.6247, 10.4526, 9.0909



1.6676, 0.8400, 0.9668

Inverse Universe

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



55.3886, 44.3790, 54.9375



61.8843, 46.4365, 58.4831



57.4837, 71.2396, 90.0784



15.3523, 15.1688, 17.1403



20.6247, 10.4526, 9.0909



1.6676, 0.8400, 0.9668

Previews

White Background



This preview shows how the XYZ color 55.3873, 44.3769, 54.9366 looks on a white background.

Color Contrast Check

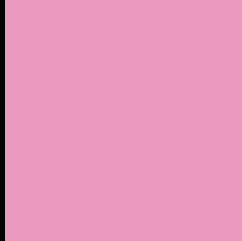
Large Text (above 18pt) WCAG AA × Fail

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 55.3873, 44.3769, 54.9366 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

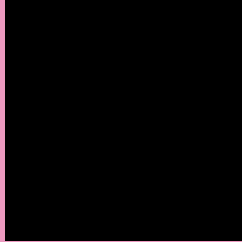
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 55.3873, 44.3769, 54.9366

Background



This preview shows how black text looks on a background with the XYZ color 55.3873, 44.3769, 54.9366.



This preview shows how white text looks on a background with the XYZ color 55.3873, 44.3769,

54.9366.

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

55.3873, 44.3769, 54.9366

Protanopia

44.0963, 44.7847, 64.7127

Deuteranopia

45.3991, 44.5514, 53.2202



Tritanopia

53.1501, 44.4709, 43.3186

Trichromacy



Original Color

55.3873, 44.3769, 54.9366



Protanomaly

47.3102, 43.9581, 61.2496



Deuteranomaly

48.4454, 44.1687, 53.5490



Tritanomaly

54.0852, 44.6134, 47.3556

Monochromacy



Original Color

55.3873, 44.3769, 54.9366



Achromatopsia

44.4628, 46.7784, 50.9417



Achromatomaly

47.6770, 45.1852, 52.1077

CSS Examples

Text

The CSS property to change the color of the text to XYZ 55.3873, 44.3769, 54.9366 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(236, 153, 191)` looks like.

```
.text, #text, p{  
    color:rgb(236, 153, 191)  
}
```

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(236, 153, 191) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(236, 153, 191) }
```

Border

The CSS property to change the border of an element to XYZ 55.3873, 44.3769, 54.9366 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(236, 153, 191) }
```


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

```
.border{ border-color:rgb(236, 153, 191) }
```

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

Here you see how a box with a 4 pixel `rgb(236, 153, 191)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(236, 153, 191); -webkit-box-  
shadow:4px 4px 4px 4px rgb(236, 153, 191);  
box-shadow:4px 4px 4px 4px rgb(236, 153,  
191) }
```

Background

The CSS property to change the background color of an element to XYZ 55.3873, 44.3769, 54.9366 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(236, 153, 191) }
```

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

```
.background{ background-color: rgb(236,  
153, 191) }
```

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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