

Converting Colors

XYZ(53.3912, 42.3575, 44.6579)

Have a look what the booklet for
XYZ(53.3912, 42.3575, 44.6579)
contains.

XYZ(53.3926, 42.3741, 44.9001)	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(53.3926, 42.3741,
44.9001)**

Conversions

Conversions Part 1

Format	Color
Hex	EE94AD
RGB	238, 148, 173
RGB Percent	93%, 58%, 68%
CMY	0.0667, 0.4196, 0.3216
CMYK	0.00, 0.38, 0.27, 0.07
HSL	343°, 73%, 76%
HSV	343°, 38%, 93%
XYZ	53.3926, 42.3741, 44.9001
YIQ	177.7600, 45.6150, 26.8550

Conversions

Conversions Part 2

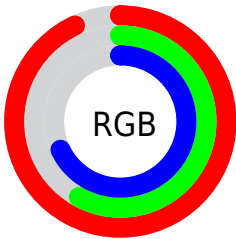
Format	Color
R _Y B	238, 148, 173
Decimal	15635629
CIE Lab	71.13, 37.01, 1.36
CIE LCh	71, 37.030, 2.098
Yxy	42.3741, 0.3796, 0.3012
Android (android.graphics.Color)	4293825709 (0xFFEE94AD)
YUV	177.7600, -2.3467, 52.8305
Hunter-Lab	65.0954, 32.4925, 4.6710

Details

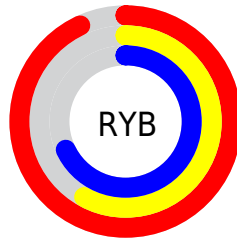
The XYZ color **53.3926, 42.3741, 44.9001** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **54.7994, 72.2500, 74.0119**, and the grayscale version is **42.1863, 44.3833, 48.3334**.

A 20% lighter version of the original color is **76.5995, 69.5733, 82.7905**, and **26.4565, 19.4495, 20.4489** is the 20% darker color. If you saturate the color by 10%, you get **48.4783, 35.0381, 35.5767**, and if you desaturate by 10%, it is **59.2908, 51.3346, 55.6083**.

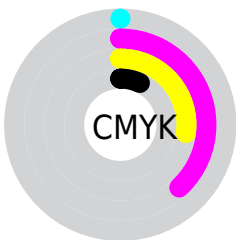
Distribution



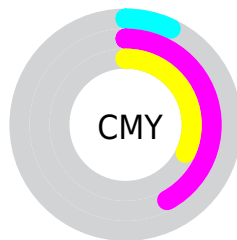
- Red (93%)
- Green (58%)
- Blue (68%)



- Red (93%)
- Yellow (58%)
- Blue (68%)



- Cyan (0%)
- Magenta (38%)
- Yellow (27%)
- Black (7%)





- Cyan (7%)
- Magenta (42%)
- Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 53.3926, 42.3741, 44.9001 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 53.3926, 42.3741, 44.9001 by changing the saturation by 10% instead.


 53.3926, 42.3741,
44.9001


 53.3926, 42.3741,
44.9001


390.0258,
356.0314, 382.5171

 38.3450, 29.3943,
31.0364


 94.3440, 78.7655,
83.8873

 26.4290, 19.3793,
20.3678


 120.9784,
102.9459, 109.8479

 17.2792, 11.9447,
12.4760


152.2059,
131.6287, 140.6779

 10.5303, 6.7060,
6.9423

188.3917,
165.1982, 176.7958

 5.8169, 3.2789,
3.3481

229.9013,
204.0388, 218.6201

 2.7737, 1.2790,
1.2750

277.0999,

 1.0352, 0.1249,

248.5349, 266.5694

0.0412

330.3530,
299.0710, 321.0622

■ 0.0000, 0.0000,
0.0000

■ 53.3926, 42.3741,
44.9001

■ 53.3926, 42.3741,
44.9001

■ 48.4783, 35.0381,
35.5767

■ 59.2908, 51.3346,
55.6083

■ 44.4888, 29.2227,
27.5770

■ 66.2203, 62.0033,
67.7535

■ 41.3641, 24.8211,
20.8390

■ 74.2297, 74.4653,
81.3883

■ 39.0352, 21.7101,
15.2942

■ 83.3634, 88.7984,
96.5620

■ 37.4219, 19.7452,
10.8668

■ 89.0700, 96.9172,
108.6201

■ 36.4176, 18.7306,
7.4675

■ 36.2463, 18.5717,
6.8443

Harmonies

Analogous

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



51.7481, 42.3741, 64.0172



53.3926, 42.3741, 44.9001



51.2343, 42.3741, 30.2790

Triad

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



53.3926, 42.3741, 44.9001



34.2706, 42.3741, 22.8498



34.9536, 42.3741, 83.3375

Complementary

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



53.3926, 42.3741, 44.9001



54.7994, 72.2500, 74.0119

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.



31.0024, 42.3741, 66.7471



53.3926, 42.3741, 44.9001



30.6374, 42.3741, 31.9427

Square

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



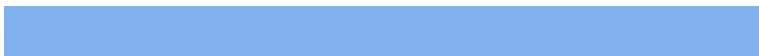
53.3926, 42.3741, 44.9001



39.8407, 42.3741, 19.7510



29.5043, 42.3741, 47.3988



40.7131, 42.3741, 89.3241

Rectangle

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



53.3926, 42.3741, 44.9001



48.0462, 42.3741, 24.1126



29.5043, 42.3741, 47.3988



33.3910, 42.3741, 78.6372

Sweetspot

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



53.3938, 42.3761, 44.9009



83.6533, 82.1540, 89.8492



53.3198, 41.4266, 86.0749



17.6283, 17.1530, 18.7613



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.



53.3938, 42.3761, 44.9009



58.1126, 43.0725, 44.3413



54.5172, 48.1383, 34.4379



15.9532, 15.8310, 17.3098



20.2689, 10.3800, 4.0664



1.7269, 0.8798, 0.5528

Inverse Universe

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



53.3938, 42.3761, 44.9009



58.1126, 43.0725, 44.3413



52.8482, 62.8729, 90.2393



15.9532, 15.8310, 17.3098



20.2689, 10.3800, 4.0664



1.7269, 0.8798, 0.5528

Previews

White Background



This preview shows how the XYZ color 53.3926, 42.3741, 44.9001 looks on a white background.

Color Contrast Check

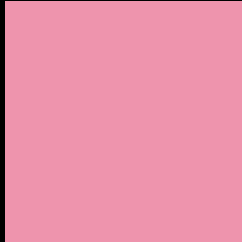
Large Text (above 18pt) WCAG AA × Fail

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 53.3926, 42.3741, 44.9001 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 53.3926, 42.3741, 44.9001

Background



This preview shows how black text looks on a background with the XYZ color 53.3926, 42.3741, 44.9001.



This preview shows how white text looks on a background with the XYZ color 53.3926, 42.3741,

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

53.3926, 42.3741, 44.9001

Protanopia

41.4762, 42.5167, 53.5975

Deuteranopia

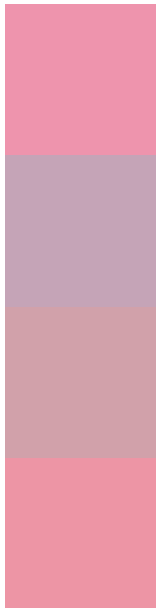
43.3417, 42.5780, 43.4701



Tritanopia

52.2644, 42.3904, 39.1457

Trichromacy



Original Color

53.3926, 42.3741, 44.9001

Protanomaly

44.8487, 41.8401, 50.5119

Deuteranomaly

46.2951, 41.9473, 43.6868

Tritanomaly

52.4640, 42.2160, 40.9807

Monochromacy



Original Color

53.3926, 42.3741, 44.9001

Achromatopsia

42.3164, 44.5201, 48.4824

Achromatomaly

45.4746, 43.0514, 46.9873

CSS Examples

Text

The CSS property to change the color of the text to XYZ 53.3926, 42.3741, 44.9001 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, 148, 173)` looks like.

```
.text, #text, p{  
    color:rgb(238, 148, 173)  
}
```

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, 148, 173) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(238, 148, 173) }
```

Border

The CSS property to change the border of an element to XYZ 53.3926, 42.3741, 44.9001 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, 148, 173) }
```


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

```
.border{ border-color:rgb(238, 148, 173) }
```

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

Here you see how a box with a 4 pixel `rgb(238, 148, 173)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(238, 148, 173); -webkit-box-  
shadow:4px 4px 4px 4px rgb(238, 148, 173);  
box-shadow:4px 4px 4px 4px rgb(238, 148,  
173) }
```

Background

The CSS property to change the background color of an element to XYZ 53.3926, 42.3741, 44.9001 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(238, 148, 173) }
```

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

```
.background{ background-color: rgb(238,  
148, 173) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor