

Converting Colors

XYZ(54.3551, 42.2834, 44.4146)

Have a look what the booklet for
XYZ(54.3551, 42.2834, 44.4146)
contains.

XYZ(54.1897, 42.1066, 44.3010)	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(54.1897, 42.1066,
44.3010)**

Conversions

Conversions Part 1

Format	Color
Hex	F291AC
RGB	242, 145, 172
RGB Percent	95%, 57%, 67%
CMY	0.0510, 0.4313, 0.3255
CMYK	0.00, 0.40, 0.29, 0.05
HSL	343°, 79%, 76%
HSV	343°, 40%, 95%
XYZ	54.1897, 42.1066, 44.3010
YIQ	177.0810, 49.1450, 28.9610

Conversions

Conversions Part 2

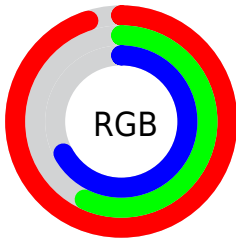
Format	Color
R_{YB}	242, 145, 172
Decimal	15897004
CIE _{Lab}	70.94, 39.84, 1.70
CIE _{LCh}	71, 39.876, 2.449
Yxy	42.1066, 0.3854, 0.2995
Android (android.graphics.Color)	4294087084 (0xFF291AC)
YUV	177.0810, -2.5049, 56.9340
Hunter-Lab	64.8896, 35.5096, 4.9446

Details

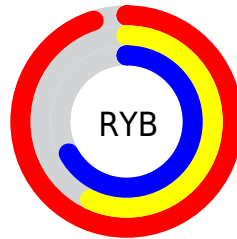
The XYZ color **54.1897, 42.1066, 44.3010** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **55.6968, 74.4312, 75.7249**, and the grayscale version is **41.8283, 44.0066, 47.9232**.

A 20% lighter version of the original color is **75.7594, 68.1146, 81.8275**, and **26.9845, 19.2007, 20.0532** is the 20% darker color. If you saturate the color by 10%, you get **49.3094, 34.8560, 34.9355**, and if you desaturate by 10%, it is **60.0804, 51.0245, 55.0918**.

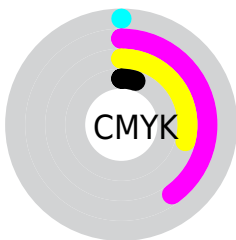
Distribution



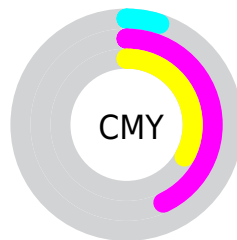
- Red (95%)
- Green (57%)
- Blue (67%)



- Red (95%)
- Yellow (57%)
- Blue (67%)



- Cyan (0%)
- Magenta (40%)
- Yellow (29%)
- Black (5%)





- Cyan (5%)
- Magenta (43%)
- Yellow (33%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 54.1897, 42.1066, 44.3010 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 54.1897, 42.1066, 44.3010 by changing the saturation by 10% instead.


 54.1897, 42.1066,
44.3010


 54.1897, 42.1066,
44.3010

393.0195,
354.9246, 380.0124

 38.9846, 29.1848,
30.5683


 95.5080, 78.3609,
82.9778

 26.9284, 19.2206,
20.0146

 122.3519,
102.4622, 108.7589

 17.6558, 11.8298,
12.2215


153.8061,
131.0588, 139.3933

 10.8013, 6.6279,
6.7703

190.2360,
164.5350, 175.2994

 5.9997, 3.2305,
3.2426

232.0070,
203.2754, 216.8959

 2.8856, 1.2532,
1.2198

279.4843,

 1.0935, 0.1045,

247.6641, 264.6012

0.0000

333.0334,
298.0858, 318.8338

■ 0.0197, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 54.1897, 42.1066,
44.3010

■ 54.1897, 42.1066,
44.3010

■ 49.3094, 34.8560,
34.9355

■ 60.0804, 51.0245,
55.0918

■ 45.3769, 29.1623,
26.9310

■ 67.0320, 61.6988,
67.3632

■ 42.3280, 24.9113,
20.2217

■ 75.0957, 74.2195,
81.1704

■ 40.0887, 21.9702,
14.7350

■ 84.3186, 88.6688,
96.5653

■ 38.5716, 20.1815,
10.3896

■ 90.4280, 97.6173,
108.6837

■ 37.6417, 19.2867,
7.1044

Harmonies

Analogous

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



52.4499, 42.1066, 64.9375



54.1897, 42.1066, 44.3010



51.7987, 42.1066, 28.8843

Triad

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



54.1897, 42.1066, 44.3010



33.5503, 42.1066, 21.3841



34.3981, 42.1066, 86.5377

Complementary

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



54.1897, 42.1066, 44.3010



55.6968, 74.4312, 75.7249

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.



30.1794, 42.1066, 68.4135



54.1897, 42.1066, 44.3010



29.7293, 42.1066, 30.9208

Square

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



54.1897, 42.1066, 44.3010



39.4776, 42.1066, 18.1471



28.5662, 42.1066, 47.4284



40.5695, 42.1066, 92.9768

Rectangle

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



54.1897, 42.1066, 44.3010



48.3230, 42.1066, 22.5272



28.5662, 42.1066, 47.4284



32.7290, 42.1066, 81.4018

Sweetspot

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



54.1909, 42.1086, 44.3018



82.6993, 80.6650, 88.2393



54.0366, 41.0379, 89.0775



17.4379, 16.8560, 18.4391



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.



54.1909, 42.1086, 44.3018



56.5170, 40.7034, 41.2750



55.3695, 48.2022, 33.1763



15.9536, 15.8311, 17.3118



20.2712, 10.3809, 4.0786



1.7271, 0.8799, 0.5540

Inverse Universe

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



54.1909, 42.1086, 44.3018



56.5170, 40.7034, 41.2750



53.5577, 64.1360, 93.5612



15.9536, 15.8311, 17.3118



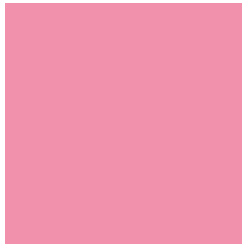
20.2712, 10.3809, 4.0786



1.7271, 0.8799, 0.5540

Previews

White Background



This preview shows how the XYZ color 54.1897, 42.1066, 44.3010 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 54.1897, 42.1066, 44.3010 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 54.1897, 42.1066, 44.3010

Background



This preview shows how black text looks on a background with the XYZ color 54.1897, 42.1066, 44.3010.



This preview shows how white text looks on a background with the XYZ color 54.1897, 42.1066,

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

54.1897, 42.1066, 44.3010

Protanopia

41.2543, 42.4022, 53.5871

Deuteranopia

43.0628, 42.1699, 42.9157



Tritanopia

52.8809, 42.0368, 37.6745

Trichromacy



Original Color

54.1897, 42.1066, 44.3010

Protanomaly

44.8294, 41.5776, 49.9185

Deuteranomaly

46.5962, 41.8551, 43.1591

Tritanomaly

53.1654, 41.9029, 39.9363

Monochromacy



Original Color

54.1897, 42.1066, 44.3010

Achromatopsia

41.7894, 43.9657, 47.8787

Achromatomaly

45.2804, 42.4229, 46.3593

CSS Examples

Text

The CSS property to change the color of the text to XYZ 54.1897, 42.1066, 44.3010 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(242, 145, 172)` looks like.

```
.text, #text, p{  
    color:rgb(242, 145, 172)  
}
```

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(242, 145, 172) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 145, 172) }
```

Border

The CSS property to change the border of an element to XYZ 54.1897, 42.1066, 44.3010 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(242, 145, 172) }
```


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

```
.border{ border-color:rgb(242, 145, 172) }
```

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

Here you see how a box with a 4 pixel `rgb(242, 145, 172)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(242, 145, 172); -webkit-box-  
shadow:4px 4px 4px 4px rgb(242, 145, 172);  
box-shadow:4px 4px 4px 4px rgb(242, 145,  
172) }
```

Background

The CSS property to change the background color of an element to XYZ 54.1897, 42.1066, 44.3010 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(242, 145, 172) }
```

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

```
.background{ background-color: rgb(242,  
145, 172) }
```

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