

Converting Colors

XYZ(54.5027, 42.8062, 43.4848)

Have a look what the booklet for
XYZ(54.5027, 42.8062, 43.4848)
contains.

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Color

**XYZ(54.3074, 42.6470,
43.3996)**

Conversions

Conversions Part 1

Format	Color
Hex	F293AA
RGB	242, 147, 170
RGB Percent	95%, 58%, 67%
CMY	0.0510, 0.4235, 0.3333
CMYK	0.00, 0.39, 0.30, 0.05
HSL	345°, 79%, 76%
HSV	345°, 39%, 95%
XYZ	54.3074, 42.6470, 43.3996
YIQ	178.0270, 49.2370, 27.2930

Conversions

Conversions Part 2

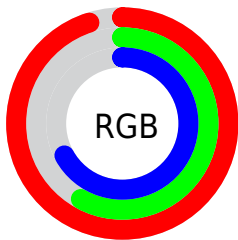
Format	Color
R _Y B	242, 147, 170
Decimal	15897514
CIE Lab	71.31, 38.54, 3.35
CIE LCh	71, 38.689, 4.974
Yxy	42.6470, 0.3869, 0.3039
Android (android.graphics.Color)	4294087594 (0xFF293AA)
YUV	178.0270, -3.9573, 56.1043
Hunter-Lab	65.3047, 34.1575, 6.3108

Details

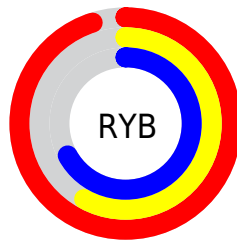
The XYZ color **54.3074, 42.6470, 43.3996** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **56.5729, 74.8229, 78.4824**, and the grayscale version is **42.3344, 44.5391, 48.5030**.

A 20% lighter version of the original color is **75.9511, 68.9373, 80.5373**, and **27.0399, 19.5038, 19.4790** is the 20% darker color. If you saturate the color by 10%, you get **49.3166, 35.2511, 33.7644**, and if you desaturate by 10%, it is **60.3341, 51.7269, 54.5754**.

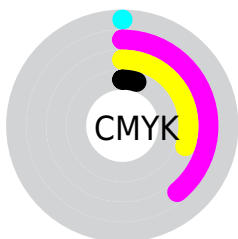
Distribution



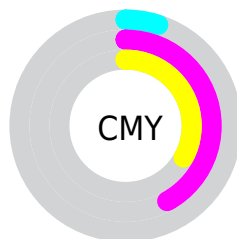
- Red (95%)
- Green (58%)
- Blue (67%)



- Red (95%)
- Yellow (58%)
- Blue (67%)



- Cyan (0%)
- Magenta (39%)
- Yellow (30%)
- Black (5%)





- Cyan (5%)
- Magenta (42%)
- Yellow (33%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 54.3074, 42.6470, 43.3996 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 54.3074, 42.6470, 43.3996 by changing the saturation by 10% instead.


 54.3074, 42.6470,
43.3996


 54.3074, 42.6470,
43.3996


393.4604,
357.1580, 376.2219

 39.0791, 29.6082,
29.8651


 95.6797, 79.1779,
81.6063

 27.0023, 19.5414,
19.4850


 122.5544,
103.4388, 107.1156

 17.7115, 12.0621,
11.8409


154.0420,
132.2093, 137.4535

 10.8415, 6.7860,
6.5142

190.5078,
165.8736, 173.0387

 6.0269, 3.3286,
3.0864

232.3172,
204.8163, 214.2895

 2.9022, 1.3056,
1.1389

279.8355,

 1.1023, 0.1455,

249.4217, 261.6247

0.0000

333.4281,
300.0741, 315.4626

■ 0.0270, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 54.3074, 42.6470,
43.3996

■ 54.3074, 42.6470,
43.3996

■ 49.3166, 35.2511,
33.7644

■ 60.3341, 51.7269,
54.5754

■ 45.2983, 29.4288,
25.5981

■ 67.4484, 62.5796,
67.3540

■ 42.1871, 25.0665,
18.8269

■ 75.7024, 75.2951,
81.7971

■ 39.9081, 22.0324,
13.3690

■ 85.1441, 89.9557,
97.9624

■ 38.3732, 20.1706,
9.1333

■ 90.4280, 97.6173,
108.6837

■ 37.4519, 19.2422,
6.0080

■ 37.3966, 19.1887,
5.8135

Harmonies

Analogous

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



52.9498, 42.6470, 63.2863



54.3074, 42.6470, 43.3996



51.6650, 42.6470, 28.7882

Triad

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



54.3074, 42.6470, 43.3996



33.7830, 42.6470, 22.8435



35.4732, 42.6470, 87.0166

Complementary

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



54.3074, 42.6470, 43.3996



56.5729, 74.8229, 78.4824

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.



31.1300, 42.6470, 70.1287



54.3074, 42.6470, 43.3996



30.2298, 42.6470, 32.8773

Square

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



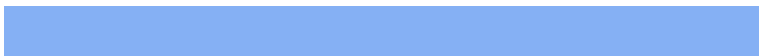
54.3074, 42.6470, 43.3996



39.4604, 42.6470, 19.1211



29.3128, 42.6470, 49.6094



41.6284, 42.6470, 92.0130

Rectangle

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



54.3074, 42.6470, 43.3996



48.1411, 42.6470, 22.8549



29.3128, 42.6470, 49.6094



33.7749, 42.6470, 82.3559

Sweetspot

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



54.3086, 42.6491, 43.4004



82.5414, 80.6018, 87.4077



55.4506, 42.2246, 89.2322



17.4009, 16.8412, 18.2444



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.



54.3086, 42.6491, 43.4004



56.6403, 41.3160, 40.1879



56.4017, 50.0174, 34.2881



15.9297, 15.8216, 17.1858



20.1345, 10.3262, 3.3587



1.7129, 0.8742, 0.4791

Inverse Universe

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



54.3086, 42.6491, 43.4004



56.6403, 41.3160, 40.1879



53.1976, 62.8880, 93.3394



15.9297, 15.8216, 17.1858



20.1345, 10.3262, 3.3587



1.7129, 0.8742, 0.4791

Previews

White Background



This preview shows how the XYZ color 54.3074, 42.6470, 43.3996 looks on a white background.

Color Contrast Check

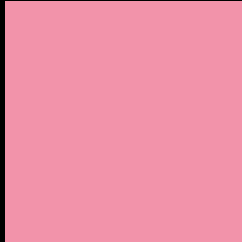
Large Text (above 18pt) WCAG AA × Fail

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 54.3074, 42.6470, 43.3996 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

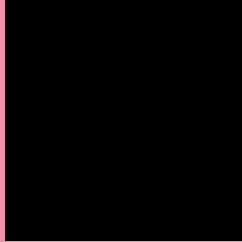
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 54.3074, 42.6470, 43.3996

Background



This preview shows how black text looks on a background with the XYZ color 54.3074, 42.6470, 43.3996.



This preview shows how white text looks on a background with the XYZ color 54.3074, 42.6470,

43.3996.

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

54.3074, 42.6470, 43.3996

Protanopia

41.6782, 42.9312, 52.5443

Deuteranopia

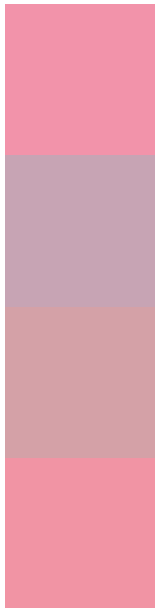
43.5766, 42.7312, 42.0276



Tritanopia

53.3682, 42.7337, 38.6933

Trichromacy



Original Color

54.3074, 42.6470, 43.3996

Protanomaly

45.0669, 41.9883, 48.9093

Deuteranomaly

46.8713, 42.2768, 42.2491

Tritanomaly

53.5664, 42.5609, 40.5138

Monochromacy



Original Color

54.3074, 42.6470, 43.3996

Achromatopsia

42.3164, 44.5201, 48.4824

Achromatomaly

45.6440, 43.1501, 46.4805

CSS Examples

Text

The CSS property to change the color of the text to XYZ 54.3074, 42.6470, 43.3996 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, 147, 170)` looks like.

```
.text, #text, p{  
    color:rgb(242, 147, 170)  
}
```

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, 147, 170) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 147, 170) }
```

Border

The CSS property to change the border of an element to XYZ 54.3074, 42.6470, 43.3996 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, 147, 170) }
```


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

```
.border{ border-color:rgb(242, 147, 170) }
```

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

Here you see how a box with a 4 pixel `rgb(242, 147, 170)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(242, 147, 170); -webkit-box-  
shadow:4px 4px 4px 4px rgb(242, 147, 170);  
box-shadow:4px 4px 4px 4px rgb(242, 147,  
170) }
```

Background

The CSS property to change the background color of an element to XYZ 54.3074, 42.6470, 43.3996 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(242, 147, 170) }
```

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

```
.background{ background-color: rgb(242,  
147, 170) }
```

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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