

Converting Colors

XYZ(57.1050, 44.3464, 42.6961)

Have a look what the booklet for
XYZ(57.1050, 44.3464, 42.6961)
contains.

XYZ(57.0821, 44.3310, 42.5940)	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(57.0821, 44.3310,
42.5940)**

Conversions

Conversions Part 1

Format	Color
Hex	FA94A8
RGB	250, 148, 168
RGB Percent	98%, 58%, 66%
CMY	0.0196, 0.4196, 0.3412
CMYK	0.00, 0.41, 0.33, 0.02
HSL	348°, 91%, 78%
HSV	348°, 41%, 98%
XYZ	57.0821, 44.3310, 42.5940
YIQ	180.7780, 54.3720, 27.8440

Conversions

Conversions Part 2

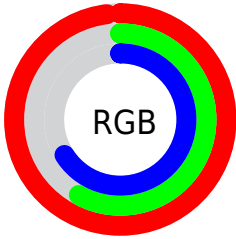
Format	Color
R _Y B	250, 148, 168
Decimal	16422056
CIE Lab	72.45, 40.60, 6.23
CIE LCh	72, 41.077, 8.719
Yxy	44.3310, 0.3964, 0.3078
Android (android.graphics.Color)	4294612136 (0xFFFA94A8)
YUV	180.7780, -6.2996, 60.7077
Hunter-Lab	66.5815, 36.5151, 8.6777

Details

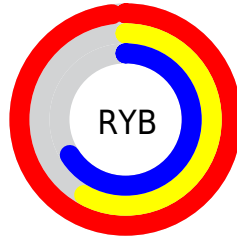
The XYZ color **57.0821, 44.3310, 42.5940** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **60.6833, 80.3812, 87.1840**, and the grayscale version is **43.8147, 46.0965, 50.1990**.

A 20% lighter version of the original color is **75.9152, 69.2996, 79.1870**, and **28.7305, 20.5217, 18.9698** is the 20% darker color. If you saturate the color by 10%, you get **51.8457, 36.6266, 32.3134**, and if you desaturate by 10%, it is **63.4571, 53.8490, 54.6830**.

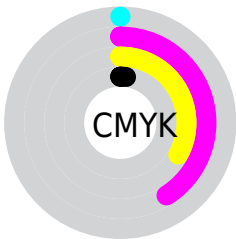
Distribution



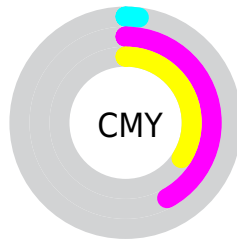
- Red (98%)
- Green (58%)
- Blue (66%)



- Red (98%)
- Yellow (58%)
- Blue (66%)



- Cyan (0%)
- Magenta (41%)
- Yellow (33%)
- Black (2%)





- Cyan (2%)
- Magenta (42%)
- Yellow (34%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 57.0821, 44.3310, 42.5940 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 57.0821, 44.3310, 42.5940 by changing the saturation by 10% instead.


 57.0821, 44.3310,
42.5940


 57.0821, 44.3310,
42.5940


403.7661,
364.0573, 372.8115

 41.3116, 30.9308,
29.2377

 99.7156, 81.7156,
80.3776

 28.7514, 20.5462,
19.0136


 127.3093,
106.4688, 105.6419

 19.0361, 12.7927,
11.5032


159.5748,
135.7751, 135.7127

 11.8006, 7.2859,
6.2879

196.8774,
170.0189, 171.0084

 6.6792, 3.6416,
2.9493

239.5825,
209.5847, 211.9476

 3.3069, 1.4751,
1.0688

288.0554,

 1.3180, 0.2711,

254.8567, 258.9488

0.0000

342.6615,
306.2194, 312.4306

■ 0.1967, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 57.0821, 44.3310,
42.5940

■ 57.0821, 44.3310,
42.5940

■ 51.8457, 36.6266,
32.3134

■ 63.4571, 53.8490,
54.6830

■ 47.6760, 30.6140,
23.7504

■ 71.0297, 65.2792,
68.6597

■ 44.4983, 26.1664,
16.8101

■ 79.8589, 78.7211,
84.6019

■ 42.2267, 23.1365,
11.3871

■ 89.9989, 94.2651,
102.5823

■ 40.7592, 21.3484,
7.3624

■ 93.2343, 99.0640,
108.8150

■ 39.9789, 20.5458,
4.7653

Harmonies

Analogous

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



56.1430, 44.3310, 63.8544



57.0821, 44.3310, 42.5940



53.6799, 44.3310, 27.7506

Triad

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



57.0821, 44.3310, 42.5940



34.1774, 44.3310, 23.7839



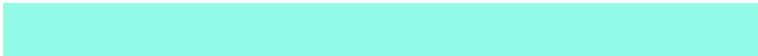
37.3830, 44.3310, 94.5008

Complementary

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



57.0821, 44.3310, 42.5940



60.6833, 80.3812, 87.1840

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.



32.3773, 44.3310, 77.0089



57.0821, 44.3310, 42.5940



30.6759, 44.3310, 35.4513

Square

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



57.0821, 44.3310, 42.5940



40.1041, 44.3310, 19.0683



30.0559, 44.3310, 54.4268



44.2339, 44.3310, 97.9999

Rectangle

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



57.0821, 44.3310, 42.5940



49.6100, 44.3310, 22.0186



30.0559, 44.3310, 54.4268



35.4518, 44.3310, 89.8673

Sweetspot

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



57.0833, 44.3332, 42.5949



82.3423, 80.5222, 86.3592



60.3516, 44.8412, 95.9168



17.3543, 16.8226, 17.9993



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.



57.0833, 44.3332, 42.5949



55.1075, 39.5898, 35.5473



60.8112, 54.5444, 35.3429



17.3837, 17.2808, 18.6102



21.2457, 10.9140, 2.7364



2.0031, 1.0250, 0.4400

Inverse Universe

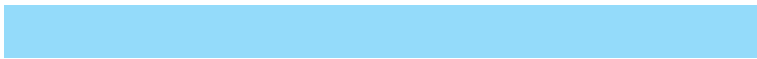
The Inverse Universe completely reimagines the original color for something new.



57.0833, 44.3332, 42.5949



55.1075, 39.5898, 35.5473



54.9059, 64.0717, 99.9157



17.3837, 17.2808, 18.6102



21.2457, 10.9140, 2.7364



2.0031, 1.0250, 0.4400

Previews

White Background



This preview shows how the XYZ color 57.0821, 44.3310, 42.5940 looks on a white background.

Color Contrast Check

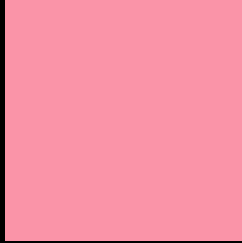
Large Text (above 18pt) WCAG AA × Fail

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 57.0821, 44.3310, 42.5940 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 57.0821, 44.3310, 42.5940

Background



This preview shows how black text looks on a background with the XYZ color 57.0821, 44.3310, 42.5940.



This preview shows how white text looks on a background with the XYZ color 57.0821, 44.3310,

42.5940.

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

57.0821, 44.3310, 42.5940

Protanopia

42.9643, 44.4887, 51.6701

Deuteranopia

45.5408, 44.6029, 41.3309



Tritanopia

56.1595, 44.1727, 38.8240

Trichromacy



Original Color

57.0821, 44.3310, 42.5940

Protanomaly

46.8489, 43.4659, 48.0400

Deuteranomaly

49.1021, 43.9711, 41.4966

Tritanomaly

56.4252, 44.2790, 40.2231

Monochromacy



Original Color

57.0821, 44.3310, 42.5940

Achromatopsia

43.9204, 46.2077, 50.3202

Achromatomaly

47.4780, 44.6323, 47.1868

CSS Examples

Text

The CSS property to change the color of the text to XYZ 57.0821, 44.3310, 42.5940 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(250, 148, 168)` looks like.

```
.text, #text, p{  
    color:rgb(250, 148, 168)  
}
```

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(250, 148, 168) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(250, 148, 168) }
```

Border

The CSS property to change the border of an element to XYZ 57.0821, 44.3310, 42.5940 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(250, 148, 168) }
```


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

```
.border{ border-color:rgb(250, 148, 168) }
```

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

Here you see how a box with a 4 pixel `rgb(250, 148, 168)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(250, 148, 168); -webkit-box-  
shadow:4px 4px 4px 4px rgb(250, 148, 168);  
box-shadow:4px 4px 4px 4px rgb(250, 148,  
168) }
```

Background

The CSS property to change the background color of an element to XYZ 57.0821, 44.3310, 42.5940 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(250, 148, 168) }
```

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

```
.background{ background-color: rgb(250,  
148, 168) }
```

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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