

Converting Colors

XYZ(57.2465, 41.5585, 43.3798)

Have a look what the booklet for
XYZ(57.2465, 41.5585, 43.3798)
contains.

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Color

**XYZ(57.2547, 41.5282,
43.5262)**

Conversions

Conversions Part 1

Format	Color
Hex	FF87AB
RGB	255, 135, 171
RGB Percent	100%, 53%, 67%
CMY	0.0000, 0.4706, 0.3294
CMYK	0.00, 0.47, 0.33, 0.00
HSL	342°, 100%, 76%
HSV	342°, 47%, 100%
XYZ	57.2547, 41.5282, 43.5262
YIQ	174.9840, 59.9640, 36.6360

Conversions

Conversions Part 2

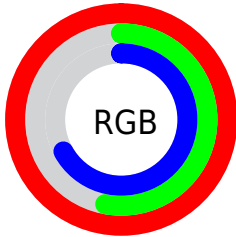
Format	Color
R _Y B	255, 135, 171
Decimal	16746411
CIE Lab	70.54, 49.24, 1.88
CIE LCh	71, 49.274, 2.191
Yxy	41.5282, 0.4023, 0.2918
Android (android.graphics.Color)	4294936491 (0xFFFF87AB)
YUV	174.9840, -1.9641, 70.1740
Hunter-Lab	64.4424, 45.8166, 5.0635

Details

The XYZ color **57.2547, 41.5282, 43.5262** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **58.5398, 81.7863, 79.7230**, and the grayscale version is **40.7285, 42.8496, 46.6632**.

A 20% lighter version of the original color is **73.5983, 64.0126, 80.4281**, and **28.7779, 18.8189, 19.5684** is the 20% darker color. If you saturate the color by 10%, you get **52.5251, 34.6106, 34.1142**, and if you desaturate by 10%, it is **63.0681, 50.2455, 54.4341**.

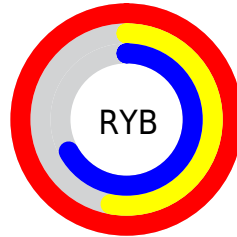
Distribution



Red (100%)

Green (53%)

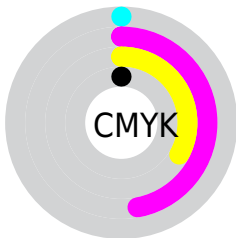
Blue (67%)



Red (100%)

Yellow (53%)

Blue (67%)

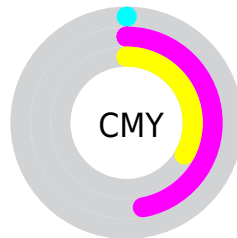


Cyan (0%)

Magenta (47%)

Yellow (33%)

Black (0%)



Cyan (0%)


Magenta (47%)

Yellow (33%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 57.2547, 41.5282, 43.5262 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 57.2547, 41.5282, 43.5262 by changing the saturation by 10% instead.


 57.2547, 41.5282,
43.5262

 57.2547, 41.5282,
43.5262


404.4018,
352.5234, 376.7559


 41.4507, 28.7320,
29.9637


 99.9659, 77.4851,
81.7992

 28.8606, 18.8782,
19.5592


 127.6039,
101.4146, 107.3468

 19.1192, 11.5823,
11.8942


 159.9172,
129.8240, 137.7265

 11.8609, 6.4599,
6.5500

197.2713,
163.0977, 173.3569

 6.7206, 3.1267,
3.1082

240.0314,
201.6201, 214.6565

 3.3327, 1.1982,
1.1501

288.5630,

 1.3321, 0.0603,

245.7756, 262.0438

0.0000

343.2313,
295.9486, 315.9375

■ 0.2070, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 57.2547, 41.5282,
43.5262

■ 57.2547, 41.5282,
43.5262

■ 52.5251, 34.6106,
34.1142

■ 63.0681, 50.2455,
54.4341

■ 48.8052, 29.3595,
26.1269

■ 70.0265, 60.8712,
66.8996

■ 46.0161, 25.6324,
19.4904

■ 78.1902, 73.5128,
80.9835

■ 44.0649, 23.2604,
14.1220

■ 87.6140, 88.2676,
96.7427

■ 42.8349, 22.0283, 95.0500, 100.0000,
9.9264 108.9000

■ 42.5617, 21.7887,
8.8898

Harmonies

Analogous

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



54.9852, 41.5282, 69.5000



57.2547, 41.5282, 43.5262



54.2428, 41.5282, 25.3051

Triad

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



57.2547, 41.5282, 43.5262



31.7113, 41.5282, 16.9153



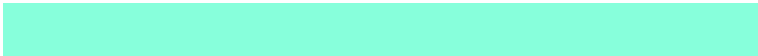
32.6147, 41.5282, 97.5380

Complementary

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



57.2547, 41.5282, 43.5262



58.5398, 81.7863, 79.7230

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.



27.6591, 41.5282, 73.5257



57.2547, 41.5282, 43.5262



27.1901, 41.5282, 27.3733

Square

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



57.2547, 41.5282, 43.5262



38.8764, 41.5282, 13.6009



25.8139, 41.5282, 46.9513



40.0723, 41.5282, 106.3745

Rectangle

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



57.2547, 41.5282, 43.5262



49.8572, 41.5282, 18.2568



25.8139, 41.5282, 46.9513



30.6383, 41.5282, 90.6438

Sweetspot

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



57.2557, 41.5302, 43.5270



80.9340, 77.7934, 85.6193



55.9290, 39.6103, 99.3055



16.9059, 15.9997, 17.6220



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.



57.2557, 41.5302, 43.5270



52.9756, 35.2603, 35.0397



58.0128, 47.8077, 29.0945



18.2336, 18.0767, 19.8473



22.2965, 11.4079, 4.9461



2.2167, 1.1291, 0.7227

Inverse Universe

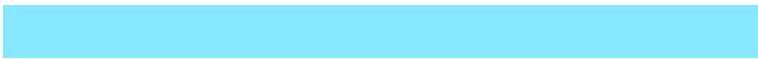
The Inverse Universe completely reimagines the original color for something new.



57.2557, 41.5302, 43.5270



52.9756, 35.2603, 35.0397



56.6191, 69.5241, 105.0431



18.2336, 18.0767, 19.8473



22.2965, 11.4079, 4.9461



2.2167, 1.1291, 0.7227

Previews

White Background



This preview shows how the XYZ color 57.2547, 41.5282, 43.5262 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 57.2547, 41.5282, 43.5262 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 57.2547, 41.5282, 43.5262

Background



This preview shows how black text looks on a background with the XYZ color 57.2547, 41.5282, 43.5262.



This preview shows how white text looks on a background with the XYZ color 57.2547, 41.5282,

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

57.2547, 41.5282, 43.5262

Protanopia

40.9557, 41.9014, 56.3812

Deuteranopia

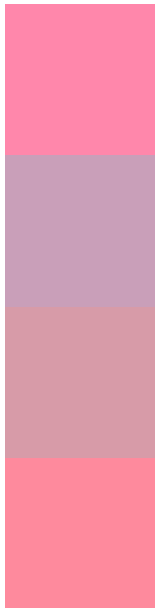
42.4399, 41.5971, 41.8686



Tritanopia

55.1654, 41.5178, 33.5400

Trichromacy



Original Color

57.2547, 41.5282, 43.5262

Protanomaly

45.2425, 40.7166, 51.3735

Deuteranomaly

46.8136, 40.7169, 42.4376

Tritanomaly

56.0473, 41.6821, 36.9897

Monochromacy



Original Color

57.2547, 41.5282, 43.5262

Achromatopsia

40.7470, 42.8690, 46.6844

Achromatomaly

45.1126, 41.0350, 45.5872

CSS Examples

Text

The CSS property to change the color of the text to XYZ 57.2547, 41.5282, 43.5262 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(255, 135, 171)` looks like.

```
.text, #text, p{  
    color:rgb(255, 135, 171)  
}
```

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(255, 135, 171) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 135, 171) }
```

Border

The CSS property to change the border of an element to XYZ 57.2547, 41.5282, 43.5262 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(255, 135, 171) }
```


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

```
.border{ border-color:rgb(255, 135, 171) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 135, 171)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 135, 171); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 135, 171);  
box-shadow:4px 4px 4px 4px rgb(255, 135,  
171) }
```

Background

The CSS property to change the background color of an element to XYZ 57.2547, 41.5282, 43.5262 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 135, 171) }
```

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

```
.background{ background-color: rgb(255,  
135, 171) }
```

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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