

Converting Colors

XYZ(58.1368, 41.2602, 59.0893)

Have a look what the booklet for
XYZ(58.1368, 41.2602, 59.0893)
contains.

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Color

**XYZ(58.1207, 41.2226,
58.9263)**

Conversions

Conversions Part 1

Format	Color
Hex	FA85C7
RGB	250, 133, 199
RGB Percent	98%, 52%, 78%
CMY	0.0196, 0.4784, 0.2196
CMYK	0.00, 0.47, 0.20, 0.02
HSL	326°, 92%, 75%
HSV	326°, 47%, 98%
XYZ	58.1207, 41.2226, 58.9263
YIQ	175.5070, 48.5460, 45.3300

Conversions

Conversions Part 2

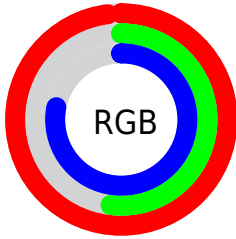
Format	Color
R_{YB}	250, 133, 199
Decimal	16418247
CIE _{Lab}	70.33, 52.27, -14.14
CIE _{LCh}	70, 54.151, 344.867
Yxy	41.2226, 0.3672, 0.2605
Android (android.graphics.Color)	4294608327 (0xFFFA85C7)
YUV	175.5070, 11.5820, 65.3304
Hunter-Lab	64.2048, 49.2267, -9.4722

Details

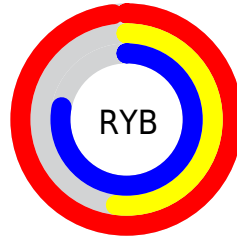
The XYZ color **58.1207, 41.2226, 58.9263** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **52.5122, 76.8197, 57.4110**, and the grayscale version is **40.9357, 43.0676, 46.9006**.

A 20% lighter version of the original color is **77.4876, 64.8752, 103.0459**, and **29.3927, 18.7127, 28.8508** is the 20% darker color. If you saturate the color by 10%, you get **53.8760, 34.6859, 51.4906**, and if you desaturate by 10%, it is **63.2729, 49.4283, 67.1125**.

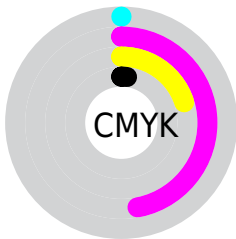
Distribution



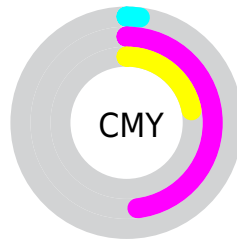
- Red (98%)
- Green (52%)
- Blue (78%)



- Red (98%)
- Yellow (52%)
- Blue (78%)



- Cyan (0%)
- Magenta (47%)
- Yellow (20%)
- Black (2%)




- Cyan (2%)
- Magenta (48%)
- Yellow (22%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 58.1207, 41.2226, 58.9263 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 58.1207, 41.2226, 58.9263 by changing the saturation by 10% instead.


 58.1207, 41.2226,
58.9263


 58.1207, 41.2226,
58.9263


407.5822,
351.2501, 438.3230


 42.1493, 28.4931,
42.1342


 101.2206, 77.0217,
104.7986

 29.4099, 18.6977,
28.8800


 129.0798,
100.8600, 134.7159

 19.5369, 11.4520,
18.7453


 161.6323,
129.1701, 169.8453

 12.1652, 6.3717,
11.3114

199.2435,
162.3363, 210.6053

 6.9293, 3.0724,
6.1599

242.2787,
200.7430, 257.4146

 3.4638, 1.1697,
2.8722

291.1033,

 1.4035, 0.0367,

244.7746, 310.6916

1.0298

346.0827,
294.8155, 370.8549

■ 0.2587, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 58.1207, 41.2226,
58.9263

■ 58.1207, 41.2226,
58.9263

■ 53.8760, 34.6859,
51.4906

■ 63.2729, 49.4283,
67.1125

■ 50.4746, 29.6941,
44.7733

■ 69.3836, 59.4036,
76.0739

■ 47.8491, 26.1153,
38.7430

■ 76.5043, 71.2481,
85.8369

■ 45.9194, 23.7925,
33.3629

■ 84.6817, 85.0524,
96.4255

■ 44.5847, 22.5272,
28.5890

■ 92.9925, 98.9673,
107.5403

■ 44.2338, 22.2478,
27.1702

■ 93.2346, 99.0641,
108.8150

Harmonies

Analogous

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



52.5289, 41.2226, 89.3258



58.1207, 41.2226, 58.9263



58.1475, 41.2226, 33.4523

Triad

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



58.1207, 41.2226, 58.9263



34.9540, 41.2226, 12.2342



28.2651, 41.2226, 89.0712

Complementary

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



58.1207, 41.2226, 58.9263



52.5122, 76.8197, 57.4110

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.



24.8648, 41.2226, 58.6629



58.1207, 41.2226, 58.9263



28.3104, 41.2226, 18.3476

Square

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



58.1207, 41.2226, 58.9263



43.8181, 41.2226, 12.2590



24.8800, 41.2226, 33.2718



34.8829, 41.2226, 110.7240

Rectangle

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



58.1207, 41.2226, 58.9263



54.9575, 41.2226, 22.3003



24.8800, 41.2226, 33.2718



26.7555, 41.2226, 79.1170

Sweetspot

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



58.1219, 41.2246, 58.9271



82.2946, 78.3376, 92.7841



45.3402, 33.8329, 94.5837



17.2361, 16.1318, 19.3609



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.



58.1219, 41.2246, 58.9271



56.6541, 36.7317, 54.4104



52.6064, 39.0184, 29.8825



17.6547, 17.3893, 20.0376



23.5365, 11.8303, 14.7995



2.2331, 1.1170, 1.6510

Inverse Universe

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



58.1219, 41.2246, 58.9271



56.6541, 36.7317, 54.4104



59.9170, 79.7816, 96.4043



17.6547, 17.3893, 20.0376



23.5365, 11.8303, 14.7995



2.2331, 1.1170, 1.6510

Previews

White Background



This preview shows how the XYZ color 58.1207, 41.2226, 58.9263 looks on a white background.

Color Contrast Check

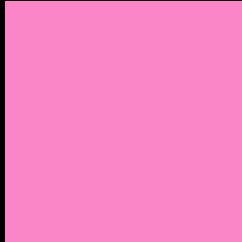
Large Text (above 18pt) WCAG AA × Fail

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 58.1207, 41.2226, 58.9263 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 58.1207, 41.2226, 58.9263

Background



This preview shows how black text looks on a background with the XYZ color 58.1207, 41.2226, 58.9263.



This preview shows how white text looks on a background with the XYZ color 58.1207, 41.2226,

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

58.1207, 41.2226, 58.9263

Protanopia

42.0659, 41.4548, 77.0186

Deuteranopia

42.2187, 41.4392, 56.2255



Tritanopia

53.0790, 41.0584, 35.2645

Trichromacy



Original Color

58.1207, 41.2226, 58.9263



Protanomaly

45.9375, 40.1482, 70.2940



Deuteranomaly

46.7485, 40.3620, 56.9565



Tritanomaly

54.8461, 41.1417, 43.0806

Monochromacy



Original Color

58.1207, 41.2226, 58.9263



Achromatopsia

41.2663, 43.4154, 47.2793



Achromatomaly

45.8511, 41.2988, 50.9023

CSS Examples

Text

The CSS property to change the color of the text to XYZ 58.1207, 41.2226, 58.9263 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, 133, 199)` looks like.

```
.text, #text, p{  
    color:rgb(250, 133, 199)  
}
```

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, 133, 199) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(250, 133, 199) }
```

Border

The CSS property to change the border of an element to XYZ 58.1207, 41.2226, 58.9263 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, 133, 199) }
```


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

```
.border{ border-color:rgb(250, 133, 199) }
```

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

Here you see how a box with a 4 pixel rgb(250, 133, 199) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(250, 133, 199); -webkit-box-  
shadow:4px 4px 4px 4px rgb(250, 133, 199);  
box-shadow:4px 4px 4px 4px rgb(250, 133,  
199) }
```

Background

The CSS property to change the background color of an element to XYZ 58.1207, 41.2226, 58.9263 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(250, 133, 199) }
```

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

```
.background{ background-color: rgb(250,  
133, 199) }
```

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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