

Converting Colors

XYZ(53.4957, 41.4409, 41.6750)

Have a look what the booklet for
XYZ(53.4957, 41.4409, 41.6750)
contains.

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Color

**XYZ(53.4155, 41.3122,
41.7180)**

Conversions

Conversions Part 1

Format	Color
Hex	F28FA7
RGB	242, 143, 167
RGB Percent	95%, 56%, 65%
CMY	0.0510, 0.4392, 0.3451
CMYK	0.00, 0.41, 0.31, 0.05
HSL	345°, 79%, 75%
HSV	345°, 41%, 95%
XYZ	53.4155, 41.3122, 41.7180
YIQ	175.3370, 51.3000, 28.4520

Conversions

Conversions Part 2

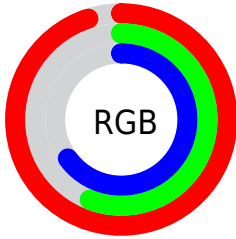
Format	Color
R _Y B	242, 143, 167
Decimal	15896487
CIE Lab	70.39, 40.23, 3.69
CIE LCh	70, 40.397, 5.246
Yxy	41.3122, 0.3915, 0.3028
Android (android.graphics.Color)	4294086567 (0xFFFF28FA7)
YUV	175.3370, -4.1101, 58.4635
Hunter-Lab	64.2746, 35.8623, 6.5095

Details

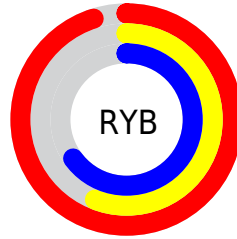
The XYZ color **53.4155, 41.3122, 41.7180** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **55.7367, 74.4069, 77.7579**, and the grayscale version is **40.9252, 43.0565, 46.8886**.

A 20% lighter version of the original color is **74.6189, 66.9221, 78.0917**, and **26.5178, 18.7405, 18.4393** is the 20% darker color. If you saturate the color by 10%, you get **48.5901, 34.1842, 32.3317**, and if you desaturate by 10%, it is **59.2670, 50.1074, 52.6328**.

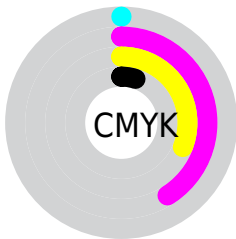
Distribution



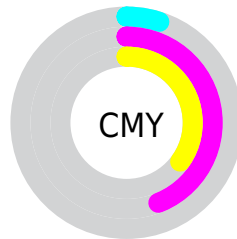
- Red (95%)
- Green (56%)
- Blue (65%)



- Red (95%)
- Yellow (56%)
- Blue (65%)



- Cyan (0%)
- Magenta (41%)
- Yellow (31%)
- Black (5%)





- Cyan (5%)
- Magenta (44%)
- Yellow (35%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 53.4155, 41.3122, 41.7180 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 53.4155, 41.3122, 41.7180 by changing the saturation by 10% instead.


 53.4155, 41.3122,
41.7180


 53.4155, 41.3122,
41.7180


390.1120,
351.6238, 369.0777

 38.3634, 28.5631,
28.5566


 94.3774, 77.1576,
79.0381

 26.4433, 18.7506,
18.5030


 121.0179,
101.0227, 104.0340

 17.2900, 11.4902,
11.1385


152.2519,
129.3619, 133.8117

 10.5381, 6.3976,
6.0448

188.4448,
162.5597, 168.7899

 5.8221, 3.0883,
2.8031

229.9619,
201.0003, 209.3870

 2.7769, 1.1780,
0.9950

277.1686,

 1.0369, 0.0436,

245.0683, 256.0217

0.0000

330.4301,
295.1480, 309.1124

■ 0.0000, 0.0000,
0.0000

■ 53.4155, 41.3122,
41.7180

■ 53.4155, 41.3122,
41.7180

■ 48.5901, 34.1842,
32.3317

■ 59.2670, 50.1074,
52.6328

■ 44.7265, 28.6116,
24.4015

■ 66.1971, 60.6603,
65.1389

■ 41.7582, 24.4784,
17.8526


■ 74.2586, 73.0618,
79.2985

■ 39.6084, 21.6496,
12.6019

■ 83.4997, 87.3950,
95.1698

■ 38.1864, 19.9639,
8.5567

■ 90.4281, 97.6173,
108.6837

 37.3986, 19.1895,
5.8240

Harmonies

Analogous

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



52.0514, 41.3122, 62.1123



53.4155, 41.3122, 41.7180



50.6541, 41.3122, 26.9949

Triad

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



53.4155, 41.3122, 41.7180



32.3435, 41.3122, 21.2245



34.1546, 41.3122, 87.0740

Complementary

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



53.4155, 41.3122, 41.7180



55.7367, 74.4069, 77.7579

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.



29.7271, 41.3122, 69.5800



53.4155, 41.3122, 41.7180



28.7670, 41.3122, 31.3320

Square

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



53.4155, 41.3122, 41.7180



38.1091, 41.3122, 17.4940



27.8659, 41.3122, 48.4119



40.4460, 41.3122, 92.1548

Rectangle

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



53.4155, 41.3122, 41.7180



47.0104, 41.3122, 21.1154



27.8659, 41.3122, 48.4119



32.4226, 41.3122, 82.2486

Sweetspot

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



53.4166, 41.3142, 41.7188



82.5428, 80.6024, 87.4150



54.5407, 40.8480, 89.0145



17.4012, 16.8414, 18.2462



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.



53.4166, 41.3142, 41.7188



55.6039, 39.7884, 38.1613



55.5339, 48.7755, 32.4768



15.9299, 15.8217, 17.1869



20.1356, 10.3267, 3.3646



1.7130, 0.8743, 0.4798

Inverse Universe

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



53.4166, 41.3142, 41.7188



55.6039, 39.7884, 38.1613



52.2337, 62.0067, 93.2201



15.9299, 15.8217, 17.1869



20.1356, 10.3267, 3.3646



1.7130, 0.8743, 0.4798

Previews

White Background



This preview shows how the XYZ color 53.4155, 41.3122, 41.7180 looks on a white background.

Color Contrast Check

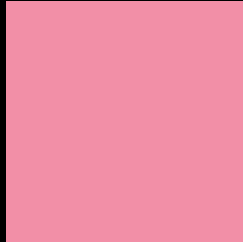
Large Text (above 18pt) WCAG AA × Fail

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 53.4155, 41.3122, 41.7180 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 53.4155, 41.3122, 41.7180

Background



This preview shows how black text looks on a background with the XYZ color 53.4155, 41.3122, 41.7180.



This preview shows how white text looks on a background with the XYZ color 53.4155, 41.3122,

41.7180.

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

53.4155, 41.3122, 41.7180

Protanopia

40.4175, 41.7364, 51.2731

Deuteranopia

42.4219, 41.6192, 40.4478



Tritanopia

52.4018, 41.3519, 36.6723

Trichromacy



Original Color

53.4155, 41.3122, 41.7180



Protanomaly

43.8067, 40.5744, 47.6423



Deuteranomaly

45.7917, 40.9829, 40.6190



Tritanomaly

52.5940, 41.1854, 38.4353

Monochromacy



Original Color

53.4155, 41.3122, 41.7180



Achromatopsia

40.7470, 42.8690, 46.6844



Achromatomaly

44.0968, 41.3151, 44.6802

CSS Examples

Text

The CSS property to change the color of the text to XYZ 53.4155, 41.3122, 41.7180 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, 143, 167)` looks like.

```
.text, #text, p{  
    color:rgb(242, 143, 167)  
}
```

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, 143, 167) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 143, 167) }
```

Border

The CSS property to change the border of an element to XYZ 53.4155, 41.3122, 41.7180 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, 143, 167) }
```


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

```
.border{ border-color:rgb(242, 143, 167) }
```

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

Here you see how a box with a 4 pixel `rgb(242, 143, 167)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(242, 143, 167); -webkit-box-  
shadow:4px 4px 4px 4px rgb(242, 143, 167);  
box-shadow:4px 4px 4px 4px rgb(242, 143,  
167) }
```

Background

The CSS property to change the background color of an element to XYZ 53.4155, 41.3122, 41.7180 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(242, 143, 167) }
```

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

```
.background{ background-color: rgb(242,  
143, 167) }
```

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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