

Converting Colors

XYZ(52.7335, 40.0957, 41.0363)

Have a look what the booklet for
XYZ(52.7335, 40.0957, 41.0363)
contains.

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Color

**XYZ(52.7335, 40.0957,
41.0363)**

Conversions

Conversions Part 1

Format	Color
Hex	F28BA6
RGB	242, 139, 166
RGB Percent	95%, 55%, 65%
CMY	0.0510, 0.4549, 0.3490
CMYK	0.00, 0.43, 0.31, 0.05
HSL	344°, 80%, 75%
HSV	344°, 43%, 95%
XYZ	52.7335, 40.0957, 41.0363
YIQ	172.8750, 52.7210, 30.2330

Conversions

Conversions Part 2

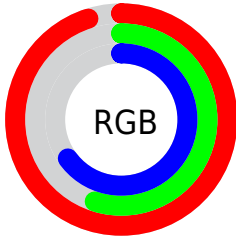
Format	Color
R _Y B	242, 139, 166
Decimal	15895462
CIE Lab	69.54, 42.16, 3.01
CIE LCh	70, 42.263, 4.088
Yxy	40.0957, 0.3939, 0.2995
Android (android.graphics.Color)	4294085542 (0xFF F28BA6)
YUV	172.8750, -3.3894, 60.6226
Hunter-Lab	63.3212, 37.8417, 5.9010

Details

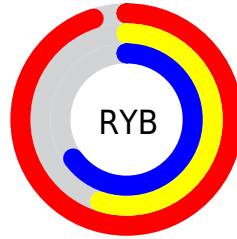
The XYZ color **52.7335, 40.0957, 41.0363** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **54.6672, 73.9005, 75.6769**, and the grayscale version is **39.6559, 41.7210, 45.4342**.

A 20% lighter version of the original color is **73.5829, 65.0640, 77.0870**, and **25.8935, 17.9378, 18.0172** is the 20% darker color. If you saturate the color by 10%, you get **48.0834, 33.2374, 31.9578**, and if you desaturate by 10%, it is **58.3888, 48.5999, 51.5728**.

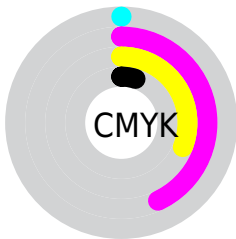
Distribution



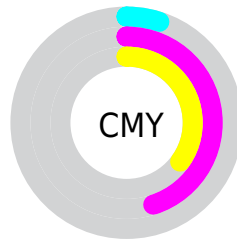
- Red (95%)
- Green (55%)
- Blue (65%)



- Red (95%)
- Yellow (55%)
- Blue (65%)



- Cyan (0%)
- Magenta (43%)
- Yellow (31%)
- Black (5%)



- Cyan (5%)
- Magenta (45%)
- Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 52.7335, 40.0957, 41.0363 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 52.7335, 40.0957, 41.0363 by changing the saturation by 10% instead.

52.7335, 40.0957,
41.0363

52.7335, 40.0957,
41.0363

387.5394,
346.5268, 366.1534

37.8167, 27.6132,
28.0275

93.3799, 75.3092,
77.9933

26.0170, 18.0343,
18.1072

119.8403, 98.8090,
102.7785

16.9691, 10.9746,
10.8567

150.8792,
126.7500, 132.3264

10.3076, 6.0498,
5.8576

186.8620,
159.5166, 167.0554

5.6672, 2.8754,
2.6913

228.1541,
197.4931, 207.3841

2.6825, 1.0670,
0.9391

275.1208,

0.9882, 0.0000,

241.0641, 253.7309

0.0000

328.1274,
290.6138, 306.5145

■ 0.0000, 0.0000,
0.0000

■ 52.7335, 40.0957,
41.0363

■ 52.7335, 40.0957,
41.0363

■ 48.0834, 33.2374,
31.9578

■ 58.3888, 48.5999,
51.5728

■ 44.3741, 27.9118,
24.2688

■ 65.1017, 58.8416,
63.6270

■ 41.5386, 24.0008,
17.8981

■ 72.9250, 70.9126,
77.2578

■ 39.4994, 21.3664,
12.7670

■ 81.9068, 84.8966,
92.5203

■ 38.1639, 19.8419,
8.7869

■ 90.4280, 97.6173,
108.6837

■ 37.5272, 19.2409,
6.5015

Harmonies

Analogous

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



51.1548, 40.0957, 62.1990



52.7335, 40.0957, 41.0363



50.0265, 40.0957, 25.8194

Triad

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



52.7335, 40.0957, 41.0363



31.2265, 40.0957, 19.3669



32.6648, 40.0957, 86.8666

Complementary

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



52.7335, 40.0957, 41.0363



54.6672, 73.9005, 75.6769

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.



28.2538, 40.0957, 68.2526



52.7335, 40.0957, 41.0363



27.4955, 40.0957, 29.2238

Square

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



52.7335, 40.0957, 41.0363



37.1832, 40.0957, 15.9015



26.4753, 40.0957, 46.3878



39.0516, 40.0957, 92.8160

Rectangle

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



52.7335, 40.0957, 41.0363



46.3252, 40.0957, 19.7685



26.4753, 40.0957, 46.3878



30.9280, 40.0957, 81.6573

Sweetspot

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



52.7346, 40.0977, 41.0371



81.6801, 79.1664, 86.2356



53.1486, 39.2548, 88.7802



17.0448, 16.2666, 17.7014



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.



52.7346, 40.0977, 41.0371



54.8284, 38.4190, 37.3430



54.3827, 46.9496, 30.6246



15.9429, 15.8269, 17.2553



20.2075, 10.3554, 3.7432



1.7206, 0.8773, 0.5196

Inverse Universe

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



52.7346, 40.0977, 41.0371



54.8284, 38.4190, 37.3430



51.7388, 62.0267, 93.2499



15.9429, 15.8269, 17.2553



20.2075, 10.3554, 3.7432



1.7206, 0.8773, 0.5196

Previews

White Background



This preview shows how the XYZ color 52.7335, 40.0957, 41.0363 looks on a white background.

Color Contrast Check

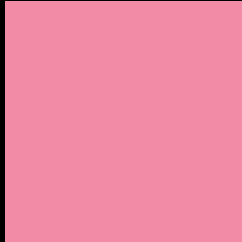
Large Text (above 18pt) WCAG AA × Fail

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 52.7335, 40.0957, 41.0363 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 52.7335, 40.0957, 41.0363

Background



This preview shows how black text looks on a background with the XYZ color 52.7335, 40.0957, 41.0363.



This preview shows how white text looks on a background with the XYZ color 52.7335, 40.0957,

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

52.7335, 40.0957, 41.0363

Protanopia

39.2019, 40.2716, 51.0544

Deuteranopia

41.0323, 40.1067, 39.7612



Tritanopia

51.4680, 40.0175, 34.7173

Trichromacy



Original Color

52.7335, 40.0957, 41.0363

Protanomaly

42.9276, 39.3638, 46.9304

Deuteranomaly

44.6267, 39.6423, 39.9500

Tritanomaly

51.7395, 39.8913, 36.8711

Monochromacy



Original Color

52.7335, 40.0957, 41.0363

Achromatopsia

39.7200, 41.7885, 45.5077

Achromatomaly

43.2893, 40.3978, 43.5462

CSS Examples

Text

The CSS property to change the color of the text to XYZ 52.7335, 40.0957, 41.0363 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, 139, 166)` looks like.

```
.text, #text, p{  
    color:rgb(242, 139, 166)  
}
```

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, 139, 166) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 139, 166) }
```

Border

The CSS property to change the border of an element to XYZ 52.7335, 40.0957, 41.0363 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, 139, 166) }
```


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

```
.border{ border-color:rgb(242, 139, 166) }
```

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

Here you see how a box with a 4 pixel `rgb(242, 139, 166)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(242, 139, 166); -webkit-box-  
shadow:4px 4px 4px 4px rgb(242, 139, 166);  
box-shadow:4px 4px 4px 4px rgb(242, 139,  
166) }
```

Background

The CSS property to change the background color of an element to XYZ 52.7335, 40.0957, 41.0363 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(242, 139, 166) }
```

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

```
.background{ background-color: rgb(242,  
139, 166) }
```

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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