

Converting Colors

XYZ(55.5329, 40.4659, 51.3382)

Have a look what the booklet for
XYZ(55.5329, 40.4659, 51.3382)
contains.

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Color

**XYZ(55.5329, 40.4659,
51.3382)**

Conversions

Conversions Part 1

Format	Color
Hex	F687BA
RGB	246, 135, 186
RGB Percent	96%, 53%, 73%
CMY	0.0353, 0.4706, 0.2706
CMYK	0.00, 0.45, 0.24, 0.04
HSL	332°, 86%, 75%
HSV	332°, 45%, 96%
XYZ	55.5329, 40.4659, 51.3382
YIQ	174.0030, 49.7850, 39.3930

Conversions

Conversions Part 2

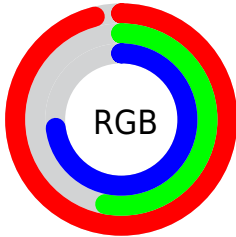
Format	Color
R _Y B	246, 135, 186
Decimal	16156602
CIE Lab	69.80, 48.17, -7.73
CIE LCh	70, 48.787, 350.879
Yxy	40.4659, 0.3769, 0.2746
Android (android.graphics.Color)	4294346682 (0xFFFF687BA)
YUV	174.0030, 5.9145, 63.1414
Hunter-Lab	63.6128, 44.5050, -3.3205

Details

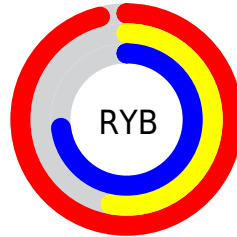
The XYZ color **55.5329, 40.4659, 51.3382** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **52.7996, 75.0036, 63.3276**, and the grayscale version is **40.1875, 42.2803, 46.0433**.

A 20% lighter version of the original color is **75.6805, 64.4977, 92.4649**, and **27.7444, 18.2928, 24.2589** is the 20% darker color. If you saturate the color by 10%, you get **51.1402, 33.8383, 43.2207**, and if you desaturate by 10%, it is **60.8524, 48.7357, 60.4146**.

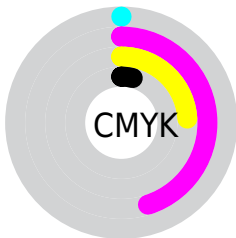
Distribution



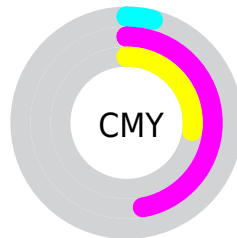
- Red (96%)
- Green (53%)
- Blue (73%)



- Red (96%)
- Yellow (53%)
- Blue (73%)



- Cyan (0%)
- Magenta (45%)
- Yellow (24%)
- Black (4%)





- Cyan (4%)
- Magenta (47%)
- Yellow (27%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 55.5329, 40.4659, 51.3382 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 55.5329, 40.4659, 51.3382 by changing the saturation by 10% instead.


 55.5329, 40.4659,
51.3382


 55.5329, 40.4659,
51.3382


398.0324,
348.0834, 408.7603


 40.0641, 27.9020,
36.0992


 97.4651, 75.8724,
93.5711

 27.7729, 18.2518,
24.2205


 124.6591, 99.4839,
121.4021

 18.2941, 11.1309,
15.2836


 156.4923,
127.5466, 154.2676

 11.2623, 6.1550,
8.8698

193.3300,
160.4450, 192.5860

 6.3122, 2.9395,
4.5607

235.5374,
198.5635, 236.7760

 3.0783, 1.1002,
1.9377

283.4801,

 1.1953, 0.0000,

242.2864, 287.2560

0.5166

337.5233,
291.9983, 344.4446

■ 0.1026, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 55.5329, 40.4659,
51.3382

■ 55.5329, 40.4659,
51.3382

■ 51.1402, 33.8383,
43.2207

■ 60.8524, 48.7357,
60.4146

■ 47.6117, 28.7349,
36.0224

■ 67.1487, 58.7434,
70.4823

■ 44.8826, 25.0311,
29.7037

■ 74.4722, 70.5842,
81.5748

■ 42.8760, 22.5799,
24.2198

■ 82.8688, 84.3446,
93.7231

■ 41.4983, 21.2002,
19.5190

■ 91.4147, 98.1723,
106.6347

■ 40.9880, 20.7856,
17.4807

■ 91.8162, 98.3329,
108.7487

Harmonies

Analogous

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



51.5203, 40.4659, 77.6859



55.5329, 40.4659, 51.3382



54.5083, 40.4659, 30.2787

Triad

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



55.5329, 40.4659, 51.3382



33.2878, 40.4659, 14.5918



29.6349, 40.4659, 87.2714

Complementary

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



55.5329, 40.4659, 51.3382



52.7996, 75.0036, 63.3276

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.



25.9208, 40.4659, 61.4944



55.5329, 40.4659, 51.3382



27.8201, 40.4659, 21.8818

Square

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



55.5329, 40.4659, 51.3382



40.9253, 40.4659, 13.5132



25.3053, 40.4659, 37.5053



36.0989, 40.4659, 102.6383

Rectangle

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



55.5329, 40.4659, 51.3382



51.1563, 40.4659, 21.2455



25.3053, 40.4659, 37.5053



28.0627, 40.4659, 79.1912

Sweetspot

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



55.5341, 40.4679, 51.3390



81.7469, 78.1185, 89.8998



47.5998, 35.4798, 91.5286



17.1029, 16.0785, 18.6590



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.



55.5341, 40.4679, 51.3390



55.9321, 37.3709, 47.7473



51.5699, 39.7226, 27.8733



16.8158, 16.6092, 18.7766



21.9467, 11.1221, 9.6939



1.9802, 0.9980, 1.1219

Inverse Universe

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



55.5341, 40.4679, 51.3390



55.9321, 37.3709, 47.7473



58.4690, 75.4886, 98.6782



16.8158, 16.6092, 18.7766



21.9467, 11.1221, 9.6939



1.9802, 0.9980, 1.1219

Previews

White Background



This preview shows how the XYZ color 55.5329, 40.4659, 51.3382 looks on a white background.

Color Contrast Check

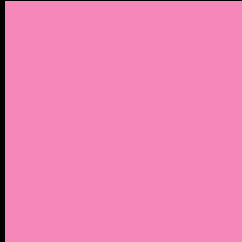
Large Text (above 18pt) WCAG AA × Fail

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 55.5329, 40.4659, 51.3382 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 55.5329, 40.4659, 51.3382

Background



This preview shows how black text looks on a background with the XYZ color 55.5329, 40.4659, 51.3382.



This preview shows how white text looks on a background with the XYZ color 55.5329, 40.4659,

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

55.5329, 40.4659, 51.3382

Protanopia

40.4734, 40.6114, 65.3801

Deuteranopia

41.5051, 40.6759, 49.3797



Tritanopia

52.1545, 40.3714, 34.7494

Trichromacy



Original Color

55.5329, 40.4659, 51.3382



Protanomaly

44.4746, 39.6215, 59.9472



Deuteranomaly

45.7222, 39.9834, 50.1075



Tritanomaly

53.2417, 40.3787, 40.1097

Monochromacy



Original Color

55.5329, 40.4659, 51.3382



Achromatopsia

40.2316, 42.3268, 46.0938



Achromatomaly

44.4261, 40.6353, 47.6214

CSS Examples

Text

The CSS property to change the color of the text to XYZ 55.5329, 40.4659, 51.3382 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(246, 135, 186)` looks like.

```
.text, #text, p{  
    color:rgb(246, 135, 186)  
}
```

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(246, 135, 186) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(246, 135, 186) }
```

Border

The CSS property to change the border of an element to XYZ 55.5329, 40.4659, 51.3382 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(246, 135, 186) }
```


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

```
.border{ border-color:rgb(246, 135, 186) }
```

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

Here you see how a box with a 4 pixel `rgb(246, 135, 186)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(246, 135, 186); -webkit-box-  
shadow:4px 4px 4px 4px rgb(246, 135, 186);  
box-shadow:4px 4px 4px 4px rgb(246, 135,  
186) }
```

Background

The CSS property to change the background color of an element to XYZ 55.5329, 40.4659, 51.3382 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(246, 135, 186) }
```

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

```
.background{ background-color: rgb(246,  
135, 186) }
```

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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