

Converting Colors

XYZ(55.3951, 41.6351, 50.9268)

Have a look what the booklet for
XYZ(55.3951, 41.6351, 50.9268)
contains.

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Color

**XYZ(55.5901, 41.7856,
51.0345)**

Conversions

Conversions Part 1

Format	Color
Hex	F48DB9
RGB	244, 141, 185
RGB Percent	96%, 55%, 73%
CMY	0.0431, 0.4470, 0.2745
CMYK	0.00, 0.42, 0.24, 0.04
HSL	334°, 82%, 75%
HSV	334°, 42%, 96%
XYZ	55.5901, 41.7856, 51.0345
YIQ	176.8130, 47.2640, 35.5200

Conversions

Conversions Part 2

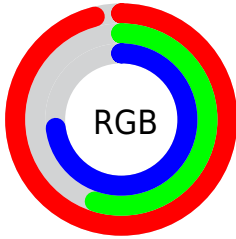
Format	Color
RYB	244, 141, 185
Decimal	16027065
CIELab	70.72, 44.34, -5.84
CIELCh	71, 44.718, 352.502
Yxy	41.7856, 0.3746, 0.2816
Android (android.graphics.Color)	4294217145 (0xFFFF48DB9)
YUV	176.8130, 4.0362, 58.9230
Hunter-Lab	64.6418, 40.3818, -1.5600

Details

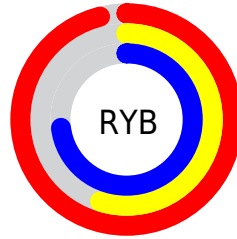
The XYZ color **55.5901, 41.7856, 51.0345** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **53.7624, 74.5354, 66.2004**, and the grayscale version is **41.6551, 43.8244, 47.7248**.

A 20% lighter version of the original color is **76.8571, 67.0907, 92.1181**, and **27.9043, 19.0845, 24.0428** is the 20% darker color. If you saturate the color by 10%, you get **50.9769, 34.8054, 42.5712**, and if you desaturate by 10%, it is **61.1433, 50.4128, 60.5277**.

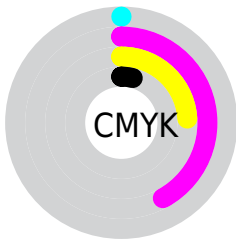
Distribution



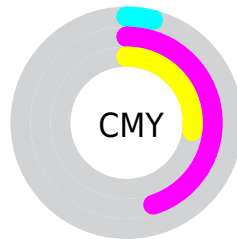
- Red (96%)
- Green (55%)
- Blue (73%)



- Red (96%)
- Yellow (55%)
- Blue (73%)



- Cyan (0%)
- Magenta (42%)
- Yellow (24%)
- Black (4%)





- Cyan (4%)
- Magenta (45%)
- Yellow (27%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 55.5901, 41.7856, 51.0345 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 55.5901, 41.7856, 51.0345 by changing the saturation by 10% instead.


 55.5901, 41.7856,
51.0345


 55.5901, 41.7856,
51.0345


398.2450,
353.5934, 407.5482

 40.1101, 28.9334,
35.8591


 97.5483, 77.8750,
93.1178

 27.8090, 19.0305,
24.0366


 124.7572,
101.8811, 120.8628

 18.3214, 11.6923,
15.1483


156.6064,
130.3739, 153.6348

 11.2821, 6.5345,
8.7758

193.4613,
163.7379, 191.8523

 6.3256, 3.1727,
4.5004

235.6873,
202.3575, 235.9338

 3.0866, 1.2226,
1.9037

283.6497,

 1.1997, 0.0800,

246.6170, 286.2980

0.4951

337.7138,
296.9008, 343.3633

■ 0.1061, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 55.5901, 41.7856,
51.0345

■ 55.5901, 41.7856,
51.0345

■ 50.9769, 34.8054,
42.5712

■ 61.1433, 50.4128,
60.5277

■ 47.2432, 29.3592,
35.0959

■ 67.6846, 60.7781,
71.0854

■ 44.3270, 25.3293,
28.5667

■ 75.2632, 72.9732,
82.7432

■ 42.1557, 22.5780,
22.9369

■ 83.9237, 87.0815,
95.5343

■ 40.6425, 20.9396,
18.1537

■ 91.1004, 97.9660,
108.6211

■ 39.8187, 20.2373,
14.9646

■ 91.1184, 97.9732,
108.7160

Harmonies

Analogous

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



52.1317, 41.7856, 75.1449



55.5901, 41.7856, 51.0345



54.3934, 41.7856, 31.5942

Triad

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



55.5901, 41.7856, 51.0345



34.5067, 41.7856, 17.2447



31.6559, 41.7856, 86.1767

Complementary

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



55.5901, 41.7856, 51.0345



53.7624, 74.5354, 66.2004

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.



27.9493, 41.7856, 62.9772



55.5901, 41.7856, 51.0345



29.4468, 41.7856, 24.8977

Square

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



55.5901, 41.7856, 51.0345



41.6050, 41.7856, 15.8397



27.1941, 41.7856, 40.3761



37.8850, 41.7856, 99.1566

Rectangle

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



55.5901, 41.7856, 51.0345



51.1785, 41.7856, 23.1151



27.1941, 41.7856, 40.3761



30.1071, 41.7856, 79.0253

Sweetspot

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



55.5913, 41.7876, 51.0353



82.4633, 79.4796, 90.3595



49.5064, 37.7760, 90.2707



17.2368, 16.3434, 18.7124



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.



55.5913, 41.7876, 51.0353



56.8567, 39.2304, 48.0240



52.6865, 42.2963, 30.5888



16.7929, 16.6000, 18.6561



21.7163, 11.0299, 8.4803



1.9590, 0.9896, 1.0104

Inverse Universe

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



55.5913, 41.7876, 51.0353



56.8567, 39.2304, 48.0240



57.6379, 72.8412, 96.6104



16.7929, 16.6000, 18.6561



21.7163, 11.0299, 8.4803



1.9590, 0.9896, 1.0104

Previews

White Background



This preview shows how the XYZ color 55.5901, 41.7856, 51.0345 looks on a white background.

Color Contrast Check

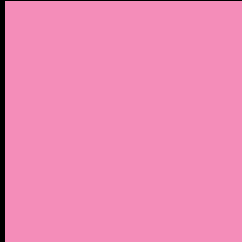
Large Text (above 18pt) WCAG AA × Fail

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 55.5901, 41.7856, 51.0345 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

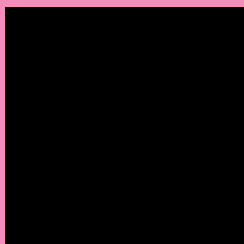
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 55.5901, 41.7856, 51.0345

Background



This preview shows how black text looks on a background with the XYZ color 55.5901, 41.7856, 51.0345.



This preview shows how white text looks on a background with the XYZ color 55.5901, 41.7856,

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

55.5901, 41.7856, 51.0345

Protanopia

41.7083, 42.1283, 63.6909

Deuteranopia

42.7344, 41.8653, 49.0085



Tritanopia

52.6403, 41.6929, 37.1714

Trichromacy



Original Color

55.5901, 41.7856, 51.0345



Protanomaly

45.4436, 41.1691, 58.9774



Deuteranomaly

46.6828, 41.2410, 49.7558



Tritanomaly

53.5663, 41.6138, 41.7682

Monochromacy



Original Color

55.5901, 41.7856, 51.0345



Achromatopsia

41.7894, 43.9657, 47.8787



Achromatomaly

45.6011, 42.2637, 48.9343

CSS Examples

Text

The CSS property to change the color of the text to XYZ 55.5901, 41.7856, 51.0345 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(244, 141, 185)` looks like.

```
.text, #text, p{  
    color:rgb(244, 141, 185)  
}
```

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(244, 141, 185) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(244, 141, 185) }
```

Border

The CSS property to change the border of an element to XYZ 55.5901, 41.7856, 51.0345 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(244, 141, 185) }
```


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

```
.border{ border-color:rgb(244, 141, 185) }
```

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

Here you see how a box with a 4 pixel `rgb(244, 141, 185)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(244, 141, 185); -webkit-box-  
shadow:4px 4px 4px 4px rgb(244, 141, 185);  
box-shadow:4px 4px 4px 4px rgb(244, 141,  
185) }
```

Background

The CSS property to change the background color of an element to XYZ 55.5901, 41.7856, 51.0345 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(244, 141, 185) }
```

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

```
.background{ background-color: rgb(244,  
141, 185) }
```

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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