

Converting Colors

XYZ(58.0996, 40.7880, 51.2994)

Have a look what the booklet for
XYZ(58.0996, 40.7880, 51.2994)
contains.

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Color

**XYZ(58.0856, 40.7704,
51.2624)**

Conversions

Conversions Part 1

Format	Color
Hex	FF82BA
RGB	255, 130, 186
RGB Percent	100%, 51%, 73%
CMY	0.0000, 0.4902, 0.2706
CMYK	0.00, 0.49, 0.27, 0.00
HSL	333°, 100%, 75%
HSV	333°, 49%, 100%
XYZ	58.0856, 40.7704, 51.2624
YIQ	173.7590, 56.5240, 43.9160

Conversions

Conversions Part 2

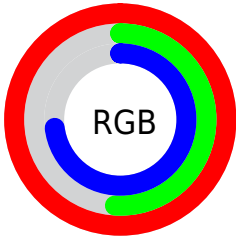
Format	Color
R _Y B	255, 130, 186
Decimal	16745146
CIE Lab	70.01, 53.55, -7.29
CIE LCh	70, 54.047, 352.252
Yxy	40.7704, 0.3869, 0.2716
Android (android.graphics.Color)	4294935226 (0xFFFF82BA)
YUV	173.7590, 6.0348, 71.2484
Hunter-Lab	63.8517, 50.6401, -2.9039

Details

The XYZ color **58.0856, 40.7704, 51.2624** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **55.2765, 80.3902, 66.6400**, and the grayscale version is **40.0593, 42.1456, 45.8965**.

A 20% lighter version of the original color is **74.8259, 62.7886, 92.1801**, and **29.2554, 18.3277, 24.1860** is the 20% darker color. If you saturate the color by 10%, you get **53.6806, 34.2386, 42.7710**, and if you desaturate by 10%, it is **63.4803, 49.0455, 60.8120**.

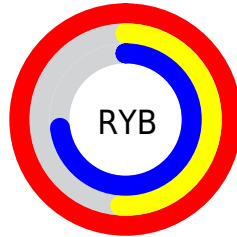
Distribution



Red (100%)

Green (51%)

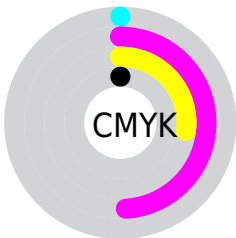
Blue (73%)



Red (100%)

Yellow (51%)

Blue (73%)

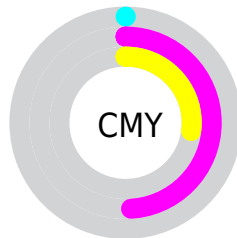


Cyan (0%)

Magenta (49%)

Yellow (27%)

Black (0%)



Cyan (0%)


Magenta (49%)


Yellow (27%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 58.0856, 40.7704, 51.2624 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 58.0856, 40.7704, 51.2624 by changing the saturation by 10% instead.


 58.0856, 40.7704,
51.2624


 58.0856, 40.7704,
51.2624


407.4535,
349.3601, 408.4580


 42.1210, 28.1397,
36.0393


 101.1698, 76.3352,
93.4580

 29.3876, 18.4310,
24.1746


 129.0200,
100.0382, 121.2676

 19.5200, 11.2599,
15.2498

 161.5629,
128.2007, 154.1097

 12.1528, 6.2419,
8.8463

199.1637,
161.2071, 192.4030

 6.9208, 2.9927,
4.5456

242.1878,
199.4419, 236.5659

 3.4585, 1.1279,
1.9292

291.0006,

 1.4006, 0.0016,

243.2893, 287.0170

0.5112

345.9674,
293.1340, 344.1749

■ 0.2567, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 58.0856, 40.7704,
51.2624

■ 58.0856, 40.7704,
51.2624

■ 53.6806, 34.2386,
42.7710

■ 63.4803, 49.0455,
60.8120

■ 50.1949, 29.3163,
35.2921

■ 69.9226, 59.1735,
71.4578

■ 47.5529, 25.8593,
28.7789

■ 77.4692, 71.2613,
83.2385

■ 45.6642, 23.6943,
23.1784

■ 86.1718, 85.4064,
96.1899

■ 44.3974, 22.5665, 95.0500, 100.0000,
18.4224 108.9000

■ 44.2906, 22.4802,
17.9942

Harmonies

Analogous

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



53.7550, 40.7704, 81.2269



58.0856, 40.7704, 51.2624



56.6473, 40.7704, 28.4328

Triad

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



58.0856, 40.7704, 51.2624



32.6814, 40.7704, 12.9198



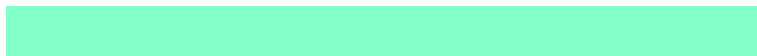
29.2746, 40.7704, 94.8900

Complementary

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



58.0856, 40.7704, 51.2624



55.2765, 80.3902, 66.6400

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.



25.0872, 40.7704, 65.4240



58.0856, 40.7704, 51.2624



26.8362, 40.7704, 20.8155

Square

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



58.0856, 40.7704, 51.2624



41.0811, 40.7704, 11.5765



24.2676, 40.7704, 38.1647



36.5108, 40.7704, 111.9406

Rectangle

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



58.0856, 40.7704, 51.2624



52.6974, 40.7704, 19.1015



24.2676, 40.7704, 38.1647



27.5118, 40.7704, 85.6763

Sweetspot

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



58.0866, 40.7723, 51.2632



80.8232, 76.6908, 88.2983



49.5213, 35.2955, 98.8104



16.9177, 15.7962, 18.3260



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.



58.0866, 40.7723, 51.2632



53.6873, 34.2483, 42.7845



54.1101, 40.5526, 26.0970



18.3476, 18.1223, 20.4475



23.2155, 11.7755, 9.7850



2.3145, 1.1682, 1.2375

Inverse Universe

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



58.0866, 40.7723, 51.2632



53.6873, 34.2483, 42.7845



61.0555, 79.5635, 106.7471



18.3476, 18.1223, 20.4475



23.2155, 11.7755, 9.7850



2.3145, 1.1682, 1.2375

Previews

White Background



This preview shows how the XYZ color 58.0856, 40.7704, 51.2624 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 58.0856, 40.7704, 51.2624 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 58.0856, 40.7704, 51.2624

Background



This preview shows how black text looks on a background with the XYZ color 58.0856, 40.7704, 51.2624.



This preview shows how white text looks on a background with the XYZ color 58.0856, 40.7704,

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

58.0856, 40.7704, 51.2624

Protanopia

41.1587, 41.1843, 68.0674

Deuteranopia

41.6416, 40.7581, 48.8524



Tritanopia

54.1386, 40.7928, 32.6241

Trichromacy



Original Color

58.0856, 40.7704, 51.2624



Protanomaly

45.2658, 39.4902, 61.7365



Deuteranomaly

46.4131, 39.8615, 49.5038



Tritanomaly

55.2419, 40.5966, 38.6426

Monochromacy



Original Color

58.0856, 40.7704, 51.2624



Achromatopsia

40.2316, 42.3268, 46.0938



Achromatomaly

44.8913, 40.3646, 47.5446

CSS Examples

Text

The CSS property to change the color of the text to XYZ 58.0856, 40.7704, 51.2624 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(255, 130, 186)` looks like.

```
.text, #text, p{  
    color:rgb(255, 130, 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(255, 130, 186) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 130, 186) }
```

Border

The CSS property to change the border of an element to XYZ 58.0856, 40.7704, 51.2624 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(255, 130, 186) }
```


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

```
.border{ border-color:rgb(255, 130, 186) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 130, 186)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 130, 186); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 130, 186);  
box-shadow:4px 4px 4px 4px rgb(255, 130,  
186) }
```

Background

The CSS property to change the background color of an element to XYZ 58.0856, 40.7704, 51.2624 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 130, 186) }
```

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

```
.background{ background-color: rgb(255,  
130, 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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