

Converting Colors

XYZ(58.6792, 41.1159, 54.0552)

Have a look what the booklet for
XYZ(58.6792, 41.1159, 54.0552)
contains.

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Color

**XYZ(58.7603, 41.2542,
54.1561)**

Conversions

Conversions Part 1

Format	Color
Hex	FF83BF
RGB	255, 131, 191
RGB Percent	100%, 51%, 75%
CMY	0.0000, 0.4862, 0.2510
CMYK	0.00, 0.49, 0.25, 0.00
HSL	331°, 100%, 76%
HSV	331°, 49%, 100%
XYZ	58.7603, 41.2542, 54.1561
YIQ	174.9160, 54.6440, 44.9480

Conversions

Conversions Part 2

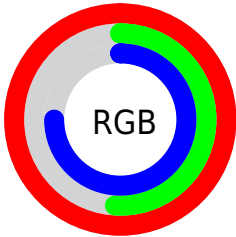
Format	Color
R_{YB}	255, 131, 191
Decimal	16745407
CIE _{Lab}	70.35, 53.73, -9.58
CIE _{LCh}	70, 54.576, 349.894
Yxy	41.2542, 0.3811, 0.2676
Android (android.graphics.Color)	4294935487 (0xFFFF83BF)
YUV	174.9160, 7.9294, 70.2337
Hunter-Lab	64.2294, 50.8992, -5.0307

Details

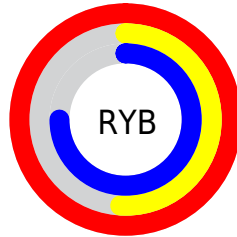
The XYZ color **58.7603, 41.2542, 54.1561** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **54.9722, 80.2863, 64.2329**, and the grayscale version is **40.6458, 42.7626, 46.5685**.

A 20% lighter version of the original color is **75.7988, 63.5160, 96.2605**, and **29.9368, 18.7396, 26.0840** is the 20% darker color. If you saturate the color by 10%, you get **54.3631, 34.6747, 45.8624**, and if you desaturate by 10%, it is **64.1324, 49.5749, 63.4179**.

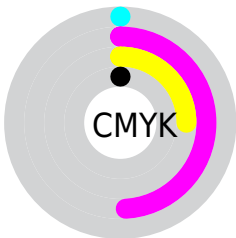
Distribution



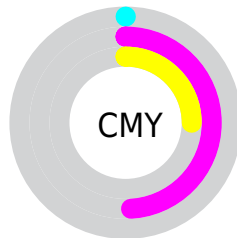
- Red (100%)
- Green (51%)
- Blue (75%)



- Red (100%)
- Yellow (51%)
- Blue (75%)



- Cyan (0%)
- Magenta (49%)
- Yellow (25%)
- Black (0%)





- Cyan (0%)
- Magenta (49%)
- Yellow (25%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 58.7603, 41.2542, 54.1561 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 58.7603, 41.2542, 54.1561 by changing the saturation by 10% instead.


 58.7603, 41.2542,
54.1561


 58.7603, 41.2542,
54.1561


409.9214,
351.3819, 419.8964


 42.6658, 28.5178,
38.3324

 102.1458, 77.0696,
97.7621

 29.8164, 18.7163,
25.9370


 130.1676,
100.9174, 126.3816

 19.8466, 11.4655,
16.5512


 162.8958,
129.2378, 160.1034

 12.3912, 6.3808,
9.7564

200.6959,
162.4151, 199.3460

 7.0848, 3.0780,
5.1343

243.9331,
200.8338, 244.5281

 3.5620, 1.1726,
2.2662

292.9728,

 1.4575, 0.0392,

244.8782, 296.0682

0.7122

348.1805,
294.9328, 354.3848

■ 0.2966, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 58.7603, 41.2542,
54.1561

■ 58.7603, 41.2542,
54.1561

■ 54.3631, 34.6747,
45.8624

■ 64.1324, 49.5749,
63.4179

■ 50.8714, 29.7032,
38.4955

■ 70.5361, 59.7455,
73.6816

■ 48.2108, 26.1969,
32.0136

■ 78.0272, 71.8723,
84.9818

■ 46.2926, 23.9843,
26.3687

■ 86.6567, 86.0522,
97.3507

■ 44.9920, 22.8217, 95.0500, 100.0000,
21.4999 108.9000

■ 44.8391, 22.6996,
20.8825

Harmonies

Analogous

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



53.9378, 41.2542, 84.8466



58.7603, 41.2542, 54.1561



57.7685, 41.2542, 30.1196

Triad

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



58.7603, 41.2542, 54.1561



33.6297, 41.2542, 12.6407



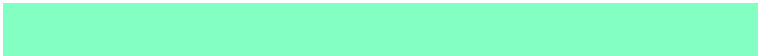
29.1161, 41.2542, 94.2827

Complementary

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



58.7603, 41.2542, 54.1561



54.9722, 80.2863, 64.2329

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.



25.1256, 41.2542, 63.9113



58.7603, 41.2542, 54.1561



27.4429, 41.2542, 20.0200

Square

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



58.7603, 41.2542, 54.1561



42.3160, 41.2542, 11.7269



24.5637, 41.2542, 36.7966



36.2615, 41.2542, 113.2100

Rectangle

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



58.7603, 41.2542, 54.1561



53.9886, 41.2542, 20.1020



24.5637, 41.2542, 36.7966



27.4105, 41.2542, 84.6325

Sweetspot

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



58.7613, 41.2561, 54.1569



81.0211, 76.7700, 89.3400



48.1605, 34.7924, 98.7850



16.9652, 15.8152, 18.5762



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.



58.7613, 41.2561, 54.1569



54.6106, 35.0372, 46.3530



53.4545, 39.1334, 26.2114



18.3755, 18.1335, 20.5948



23.5041, 11.8909, 11.3049



2.3434, 1.1797, 1.3899

Inverse Universe

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



58.7613, 41.2561, 54.1569



54.6106, 35.0372, 46.3530



63.1712, 83.5659, 107.4081



18.3755, 18.1335, 20.5948



23.5041, 11.8909, 11.3049



2.3434, 1.1797, 1.3899

Previews

White Background



This preview shows how the XYZ color 58.7603, 41.2542, 54.1561 looks on a white background.

Color Contrast Check

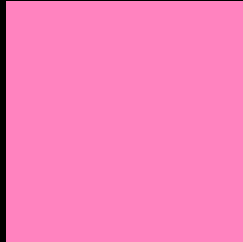
Large Text (above 18pt) WCAG AA × Fail

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 58.7603, 41.2542, 54.1561 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

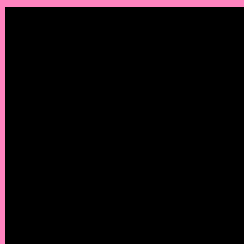
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 58.7603, 41.2542, 54.1561

Background



This preview shows how black text looks on a background with the XYZ color 58.7603, 41.2542, 54.1561.



This preview shows how white text looks on a background with the XYZ color 58.7603, 41.2542,

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

58.7603, 41.2542, 54.1561

Protanopia

41.7852, 41.7126, 71.4947

Deuteranopia

42.1041, 41.2075, 51.6337



Tritanopia

54.4411, 41.1444, 33.5061

Trichromacy



Original Color

58.7603, 41.2542, 54.1561



Protanomaly

45.7793, 39.9331, 64.9695



Deuteranomaly

46.8197, 40.2544, 52.3159



Tritanomaly

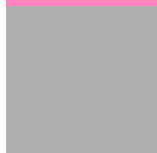
55.6499, 40.9841, 40.0996

Monochromacy



Original Color

58.7603, 41.2542, 54.1561



Achromatopsia

40.7470, 42.8690, 46.6844



Achromatomaly

45.6405, 40.9698, 49.2185

CSS Examples

Text

The CSS property to change the color of the text to XYZ 58.7603, 41.2542, 54.1561 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, 131, 191)` looks like.

```
.text, #text, p{  
    color:rgb(255, 131, 191)  
}
```

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, 131, 191) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 131, 191) }
```

Border

The CSS property to change the border of an element to XYZ 58.7603, 41.2542, 54.1561 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, 131, 191) }
```


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

```
.border{ border-color:rgb(255, 131, 191) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 131, 191)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 131, 191); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 131, 191);  
box-shadow:4px 4px 4px 4px rgb(255, 131,  
191) }
```

Background

The CSS property to change the background color of an element to XYZ 58.7603, 41.2542, 54.1561 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 131, 191) }
```

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

```
.background{ background-color: rgb(255,  
131, 191) }
```

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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