

Converting Colors

XYZ(53.7260, 41.2063, 59.3409)

Have a look what the booklet for
XYZ(53.7260, 41.2063, 59.3409)
contains.

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Color

**XYZ(53.8863, 41.3937,
59.1825)**

Conversions

Conversions Part 1

Format	Color
Hex	E990C7
RGB	233, 144, 199
RGB Percent	91%, 56%, 78%
CMY	0.0863, 0.4353, 0.2196
CMYK	0.00, 0.38, 0.15, 0.09
HSL	323°, 67%, 74%
HSV	323°, 38%, 91%
XYZ	53.8863, 41.3937, 59.1825
YIQ	176.8810, 35.3890, 35.9730

Conversions

Conversions Part 2

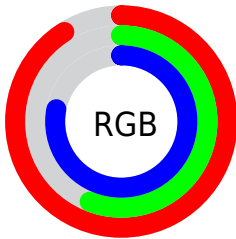
Format	Color
R _Y B	233, 144, 199
Decimal	15306951
CIE Lab	70.45, 41.19, -14.17
CIE LCh	70, 43.560, 341.020
Yxy	41.3937, 0.3489, 0.2680
Android (android.graphics.Color)	4293497031 (0xFFE990C7)
YUV	176.8810, 10.9047, 49.2164
Hunter-Lab	64.3379, 36.9115, -9.5025

Details

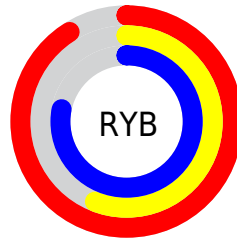
The XYZ color **53.8863, 41.3937, 59.1825** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **48.6782, 67.4226, 52.5707**, and the grayscale version is **41.6603, 43.8298, 47.7307**.

A 20% lighter version of the original color is **79.7134, 69.3268, 103.7878**, and **26.7564, 18.7566, 28.9982** is the 20% darker color. If you saturate the color by 10%, you get **49.7113, 34.6492, 52.8400**, and if you desaturate by 10%, it is **58.8525, 49.6227, 66.0879**.

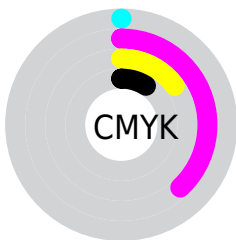
Distribution



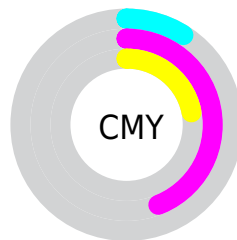
- Red (91%)
- Green (56%)
- Blue (78%)



- Red (91%)
- Yellow (56%)
- Blue (78%)



- Cyan (0%)
- Magenta (38%)
- Yellow (15%)
- Black (9%)





- Cyan (9%)
- Magenta (44%)
- Yellow (22%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 53.8863, 41.3937, 59.1825 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 53.8863, 41.3937, 59.1825 by changing the saturation by 10% instead.


 53.8863, 41.3937,
59.1825


 53.8863, 41.3937,
59.1825


391.8817,
351.9634, 439.2986

 38.7411, 28.6268,
42.3391

 95.0652, 77.2812,
105.1746

 26.7382, 18.7987,
29.0393


 121.8295,
101.1706, 135.1603

 17.5123, 11.5249,
18.8647

153.1976,
129.5363, 170.3639

 10.6979, 6.4211,
11.3968

189.5348,
162.7628, 211.2039

 5.9299, 3.1028,
6.2169

231.2064,
201.2343, 258.0988

 2.8428, 1.1856,
2.9065

278.5779,

 1.0712, 0.0499,

245.3353, 311.4672

1.0471

332.0145,
295.4502, 371.7276

■ 0.0008, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 53.8863, 41.3937,
59.1825

■ 53.8863, 41.3937,
59.1825

■ 49.7113, 34.6492,
52.8400

■ 58.8525, 49.6227,
66.0879

■ 46.2776, 29.2926,
47.0374

■ 64.6484, 59.4133,
73.5727

■ 43.5352, 25.2254,
41.7534

■ 71.3144, 70.8442,
81.6556

■ 41.4261, 22.3330,
36.9632

■ 78.8871, 83.9871,
90.3535

■ 39.8820, 20.4805,
32.6386

■ 85.6191, 95.3456,
99.0885

■ 38.8067, 19.4777,
28.7419

■ 87.0003, 95.8981,
106.3617

■ 38.6373, 19.3369,
28.0753

■ 87.4145, 96.0637,
108.5427

Harmonies

Analogous

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



49.1117, 41.3937, 81.9406



53.8863, 41.3937, 59.1825



54.4999, 41.3937, 37.9312

Triad

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



53.8863, 41.3937, 59.1825



36.7645, 41.3937, 16.3466



29.8247, 41.3937, 76.2980

Complementary

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



53.8863, 41.3937, 59.1825



48.6782, 67.4226, 52.5707

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.



27.2949, 41.3937, 53.0541



53.8863, 41.3937, 59.1825



30.9648, 41.3937, 21.3480

Square

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



53.8863, 41.3937, 59.1825



44.0036, 41.3937, 17.0792



27.6852, 41.3937, 33.4019



35.0245, 41.3937, 93.7153

Rectangle

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



53.8863, 41.3937, 59.1825



52.3918, 41.3937, 27.6199



27.6852, 41.3937, 33.4019



28.6642, 41.3937, 68.6553

Sweetspot

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



53.8875, 41.3956, 59.1833



85.0677, 82.7197, 97.2969



42.7312, 35.1361, 81.6210



17.9648, 17.2876, 20.5331



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.



53.8875, 41.3956, 59.1833



61.9416, 44.0134, 66.3254



49.5685, 39.6680, 36.4398



15.4568, 15.2106, 17.6906



21.9858, 10.9970, 16.2584



1.7731, 0.8822, 1.5224

Inverse Universe

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



53.8875, 41.3956, 59.1833



61.9416, 44.0134, 66.3254



53.7108, 69.4356, 79.0723



15.4568, 15.2106, 17.6906



21.9858, 10.9970, 16.2584



1.7731, 0.8822, 1.5224

Previews

White Background



This preview shows how the XYZ color 53.8863, 41.3937, 59.1825 looks on a white background.

Color Contrast Check

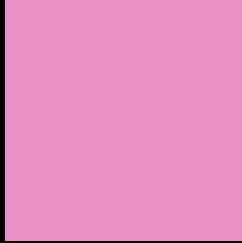
Large Text (above 18pt) WCAG AA × Fail

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 53.8863, 41.3937, 59.1825 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

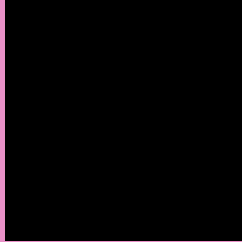
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 53.8863, 41.3937, 59.1825

Background



This preview shows how black text looks on a background with the XYZ color 53.8863, 41.3937, 59.1825.



This preview shows how white text looks on a background with the XYZ color 53.8863, 41.3937,

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

53.8863, 41.3937, 59.1825

Protanopia

41.7852, 41.7126, 71.4947

Deuteranopia

42.4434, 41.5291, 57.4087



Tritanopia

49.9013, 41.3999, 39.5433

Trichromacy



Original Color

53.8863, 41.3937, 59.1825



Protanomaly

44.8712, 40.7077, 66.4652



Deuteranomaly

45.9151, 40.9239, 57.7037



Tritanomaly

50.9609, 41.0979, 45.8042

Monochromacy



Original Color

53.8863, 41.3937, 59.1825



Achromatopsia

41.7894, 43.9657, 47.8787



Achromatomaly

45.2380, 42.2834, 51.6761

CSS Examples

Text

The CSS property to change the color of the text to XYZ 53.8863, 41.3937, 59.1825 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(233, 144, 199)` looks like.

```
.text, #text, p{  
    color:rgb(233, 144, 199)  
}
```

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(233, 144, 199) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(233, 144, 199) }
```

Border

The CSS property to change the border of an element to XYZ 53.8863, 41.3937, 59.1825 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(233, 144, 199) }
```


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

```
.border{ border-color:rgb(233, 144, 199) }
```

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

Here you see how a box with a 4 pixel `rgb(233, 144, 199)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(233, 144, 199); -webkit-box-  
shadow:4px 4px 4px 4px rgb(233, 144, 199);  
box-shadow:4px 4px 4px 4px rgb(233, 144,  
199) }
```

Background

The CSS property to change the background color of an element to XYZ 53.8863, 41.3937, 59.1825 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(233, 144, 199) }
```

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

```
.background{ background-color: rgb(233,  
144, 199) }
```

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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