

Converting Colors

XYZ(57.9864, 40.2051, 52.3608)

Have a look what the booklet for
XYZ(57.9864, 40.2051, 52.3608)
contains.

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Color

**XYZ(58.0363, 40.3292,
52.3024)**

Conversions

Conversions Part 1

Format	Color
Hex	FF80BC
RGB	255, 128, 188
RGB Percent	100%, 50%, 74%
CMY	0.0000, 0.4980, 0.2627
CMYK	0.00, 0.50, 0.26, 0.00
HSL	332°, 100%, 75%
HSV	332°, 50%, 100%
XYZ	58.0363, 40.3292, 52.3024
YIQ	172.8130, 56.4320, 45.5840

Conversions

Conversions Part 2

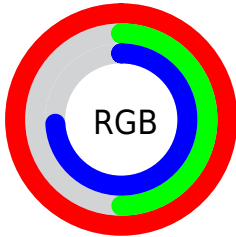
Format	Color
R_{YB}	255, 128, 188
Decimal	16744636
CIE Lab	69.70, 54.78, -8.87
CIE LCh	70, 55.489, 350.803
Yxy	40.3292, 0.3852, 0.2677
Android (android.graphics.Color)	4294934716 (0xFFFF80BC)
YUV	172.8130, 7.4872, 72.0780
Hunter-Lab	63.5053, 51.9936, -4.3770

Details

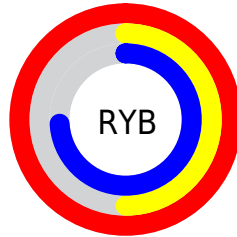
The XYZ color **58.0363, 40.3292, 52.3024** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **54.5142, 80.0502, 64.2116**, and the grayscale version is **39.5695, 41.6301, 45.3352**.

A 20% lighter version of the original color is **74.7096, 62.0726, 93.6315**, and **29.2614, 18.1165, 24.8763** is the 20% darker color. If you saturate the color by 10%, you get **53.7348, 33.9401, 44.0437**, and if you desaturate by 10%, it is **63.3106, 48.4473, 61.5533**.

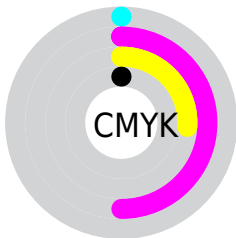
Distribution



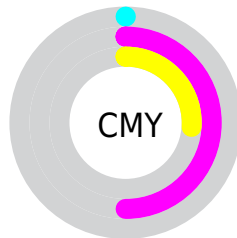
- Red (100%)
- Green (50%)
- Blue (74%)



- Red (100%)
- Yellow (50%)
- Blue (74%)



- Cyan (0%)
- Magenta (50%)
- Yellow (26%)
- Black (0%)





- Cyan (0%)
- Magenta (50%)
- Yellow (26%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 58.0363, 40.3292, 52.3024 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 58.0363, 40.3292, 52.3024 by changing the saturation by 10% instead.


 58.0363, 40.3292,
52.3024


 58.0363, 40.3292,
52.3024

407.2729,
347.5092, 412.5931


 42.0812, 27.7953,
36.8623


 101.0984, 75.6645,
95.0082

 29.3563, 18.1714,
24.8059


 128.9361, 99.2348,
123.1109

 19.4961, 11.0731,
15.7148

 161.4654,
127.2526, 156.2716

 12.1354, 6.1160,
9.1704

199.0516,
160.1024, 194.9087

 6.9088, 2.9158,
4.7542

242.0601,
198.1686, 239.4409

 3.4510, 1.0879,
2.0476

290.8562,

 1.3965, 0.0000,

241.8355, 290.2867

0.5843

345.8054,
291.4875, 347.8645

■ 0.2537, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 58.0363, 40.3292,
52.3024

■ 58.0363, 40.3292,
52.3024

■ 53.7348, 33.9401,
44.0437

■ 63.3106, 48.4473,
61.5533

■ 50.3357, 29.1453,
36.7343

■ 69.6154, 58.4046,
71.8318

■ 47.7630, 25.7990,
30.3304

■ 77.0074, 70.3088,
83.1739

■ 45.9257, 23.7256,
24.7817

■ 85.5379, 84.2573,
95.6131

■ 44.6804, 22.6450, 95.0500, 100.0000,
20.0197 108.9000

■ 44.6585, 22.6274,
19.9318

Harmonies

Analogous

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



53.3369, 40.3292, 83.1827



58.0363, 40.3292, 52.3024



56.8524, 40.3292, 28.5813

Triad

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



58.0363, 40.3292, 52.3024



32.5184, 40.3292, 12.0013



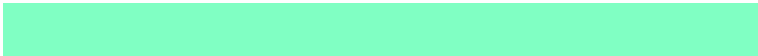
28.4187, 40.3292, 94.4890

Complementary

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



58.0363, 40.3292, 52.3024



54.5142, 80.0502, 64.2116

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.



24.3457, 40.3292, 63.9285



58.0363, 40.3292, 52.3024



26.4431, 40.3292, 19.4803

Square

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



58.0363, 40.3292, 52.3024



41.1593, 40.3292, 10.9436



23.6838, 40.3292, 36.4700



35.6367, 40.3292, 113.0846

Rectangle

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



58.0363, 40.3292, 52.3024



52.9500, 40.3292, 18.8689



23.6838, 40.3292, 36.4700



26.6868, 40.3292, 84.8195

Sweetspot

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



58.0373, 40.3311, 52.3032



80.9578, 76.7447, 89.0072



47.9209, 34.0794, 98.6600



16.9500, 15.8091, 18.4963



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.



58.0373, 40.3311, 52.3032



53.6587, 33.8297, 43.8892



53.1359, 38.8169, 25.1164



18.3666, 18.1300, 20.5478



23.4092, 11.8530, 10.8051



2.3340, 1.1760, 1.3401

Inverse Universe

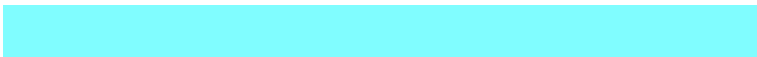
The Inverse Universe completely reimagines the original color for something new.



58.0373, 40.3311, 52.3032



53.6587, 33.8297, 43.8892



62.0417, 81.9867, 107.1628



18.3666, 18.1300, 20.5478



23.4092, 11.8530, 10.8051



2.3340, 1.1760, 1.3401

Previews

White Background



This preview shows how the XYZ color 58.0363, 40.3292, 52.3024 looks on a white background.

Color Contrast Check

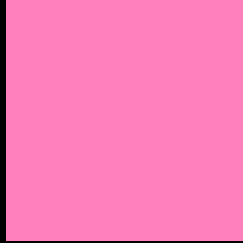
Large Text (above 18pt) WCAG AA × Fail

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 58.0363, 40.3292, 52.3024 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

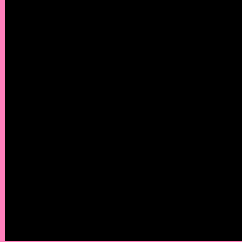
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 58.0363, 40.3292, 52.3024

Background



This preview shows how black text looks on a background with the XYZ color 58.0363, 40.3292, 52.3024.



This preview shows how white text looks on a background with the XYZ color 58.0363, 40.3292,

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

58.0363, 40.3292, 52.3024

Protanopia

40.7518, 40.6532, 69.9890

Deuteranopia

41.3711, 40.5949, 49.9111



Tritanopia

53.7761, 40.1929, 32.1178

Trichromacy



Original Color

58.0363, 40.3292, 52.3024



Protanomaly

44.8232, 38.9883, 62.9207



Deuteranomaly

46.1745, 39.4725, 50.5327



Tritanomaly

54.9654, 40.0437, 38.5504

Monochromacy



Original Color

58.0363, 40.3292, 52.3024



Achromatopsia

39.7200, 41.7885, 45.5077



Achromatomaly

44.7215, 40.0248, 47.4880

CSS Examples

Text

The CSS property to change the color of the text to XYZ 58.0363, 40.3292, 52.3024 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, 128, 188)` looks like.

```
.text, #text, p{  
    color:rgb(255, 128, 188)  
}
```

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, 128, 188) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 128, 188) }
```

Border

The CSS property to change the border of an element to XYZ 58.0363, 40.3292, 52.3024 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, 128, 188) }
```


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

```
.border{ border-color:rgb(255, 128, 188) }
```

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

Here you see how a box with a 4 pixel rgb(255, 128, 188) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 128, 188); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 128, 188);  
box-shadow:4px 4px 4px 4px rgb(255, 128,  
188) }
```

Background

The CSS property to change the background color of an element to XYZ 58.0363, 40.3292, 52.3024 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 128, 188) }
```

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

```
.background{ background-color: rgb(255,  
128, 188) }
```

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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