

Converting Colors

XYZ(59.7657, 40.2524, 63.7791)

Have a look what the booklet for
XYZ(59.7657, 40.2524, 63.7791)
contains.

XYZ(59.7101, 40.1803, 63.6400)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(59.7101, 40.1803,
63.6400)**

Conversions

Conversions Part 1

Format	Color
Hex	FF7CCF
RGB	255, 124, 207
RGB Percent	100%, 49%, 81%
CMY	0.0000, 0.5137, 0.1882
CMYK	0.00, 0.51, 0.19, 0.00
HSL	322°, 100%, 74%
HSV	322°, 51%, 100%
XYZ	59.7101, 40.1803, 63.6400
YIQ	172.6310, 51.4330, 53.5850

Conversions

Conversions Part 2

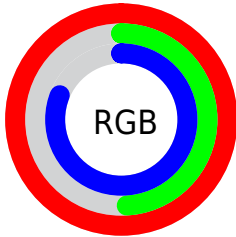
Format	Color
R_{YB}	255, 124, 207
Decimal	16743631
CIE _{Lab}	69.60, 59.27, -19.64
CIE _{LCh}	70, 62.439, 341.669
Yxy	40.1803, 0.3651, 0.2457
Android (android.graphics.Color)	4294933711 (0xFFFF7CCF)
YUV	172.6310, 16.9439, 72.2376
Hunter-Lab	63.3879, 57.2144, -15.1542

Details

The XYZ color **59.7101, 40.1803, 63.6400** is a light color, and the websafe version is hex **FF66CC**. A complement of this color would be **51.5202, 78.7844, 51.5245**, and the grayscale version is **39.4323, 41.4858, 45.1780**.

A 20% lighter version of the original color is **75.6113, 61.1225, 102.4204**, and **30.5818, 18.1699, 32.0323** is the 20% darker color. If you saturate the color by 10%, you get **55.8088, 34.1520, 56.8694**, and if you desaturate by 10%, it is **64.5072, 47.8915, 71.0437**.

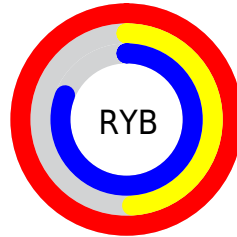
Distribution



Red (100%)

Green (49%)

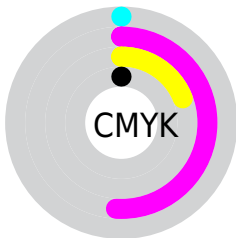
Blue (81%)



Red (100%)

Yellow (49%)

Blue (81%)

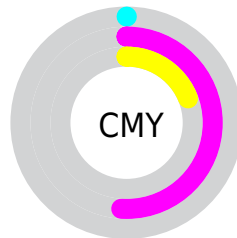


Cyan (0%)

Magenta (51%)

Yellow (19%)

Black (0%)



Cyan (0%)


Magenta (51%)


Yellow (19%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 59.7101, 40.1803, 63.6400 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 59.7101, 40.1803, 63.6400 by changing the saturation by 10% instead.


 59.7101, 40.1803,
63.6400

 59.7101, 40.1803,
63.6400


413.3803,
346.8829, 456.0602

 43.4336, 27.6792,
45.9148

 103.5178, 75.4380,
111.6868

 30.4214, 18.0839,
31.8304


 131.7796, 98.9633,
142.8455

 20.3084, 11.0103,
20.9683


 164.7673,
126.9322, 179.3191

 12.7290, 6.0737,
12.9098

202.8461,
159.7289, 221.5262

 7.3179, 2.8900,
7.2365

246.3815,
197.7380, 269.8854

 3.7098, 1.0746,
3.5297

295.7387,

 1.5393, 0.0000,

241.3437, 324.8150

1.3711

351.2832,
290.9306, 386.7338

■ 0.3523, 0.0000,
0.1190

■ 0.0000, 0.0000,
0.0000

■ 59.7101, 40.1803,
63.6400

■ 59.7101, 40.1803,
63.6400

■ 55.8088, 34.1520,
56.8694

■ 64.5072, 47.8915,
71.0437

■ 52.7339, 29.6704,
50.7016

■ 70.2561, 57.3966,
79.1034

■ 50.4105, 26.5872,
45.1064

■ 77.0120, 68.8039,
87.8433

■ 48.7473, 24.7222,
40.0472

■ 84.8247, 82.2112,
97.2854

■ 47.7226, 23.8531,
36.0671

■ 93.7404, 97.7095,
107.4503

■ 95.0500, 100.0000,
108.9000

Harmonies

Analogous

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



52.5851, 40.1803, 99.7187



59.7101, 40.1803, 63.6400



60.4991, 40.1803, 33.4520

Triad

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



59.7101, 40.1803, 63.6400



34.4013, 40.1803, 8.7888



25.4606, 40.1803, 92.0235

Complementary

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



59.7101, 40.1803, 63.6400



51.5202, 78.7844, 51.5245

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.



22.1752, 40.1803, 55.9692



59.7101, 40.1803, 63.6400



26.6958, 40.1803, 13.9982

Square

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



59.7101, 40.1803, 63.6400



44.6183, 40.1803, 9.3741



22.5835, 40.1803, 28.5064



32.4111, 40.1803, 120.4628

Rectangle

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



59.7101, 40.1803, 63.6400



57.1827, 40.1803, 20.5925



22.5835, 40.1803, 28.5064



23.9511, 40.1803, 79.8576

Sweetspot

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



59.7111, 40.1821, 63.6408



81.8633, 77.1069, 93.7752



41.8047, 30.1670, 98.2272



17.1681, 15.8963, 19.6447



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.



59.7111, 40.1821, 63.6408



55.5913, 33.8253, 56.4631



53.4563, 37.6802, 30.7035



18.4937, 18.1808, 21.2170



25.0105, 12.4935, 19.2374



2.4878, 1.2375, 2.1502

Inverse Universe

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



59.7111, 40.1821, 63.6408



55.5913, 33.8253, 56.4631



59.1194, 81.8241, 91.5412



18.4937, 18.1808, 21.2170



25.0105, 12.4935, 19.2374



2.4878, 1.2375, 2.1502

Previews

White Background



This preview shows how the XYZ color 59.7101, 40.1803, 63.6400 looks on a white background.

Color Contrast Check

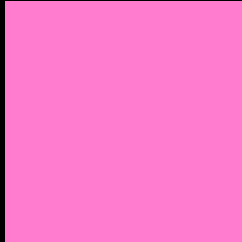
Large Text (above 18pt) WCAG AA × Fail

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 59.7101, 40.1803, 63.6400 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

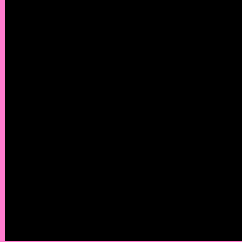
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 59.7101, 40.1803, 63.6400

Background



This preview shows how black text looks on a background with the XYZ color 59.7101, 40.1803, 63.6400.



This preview shows how white text looks on a background with the XYZ color 59.7101, 40.1803,

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

59.7101, 40.1803, 63.6400

Protanopia

41.9770, 40.6268, 87.2907

Deuteranopia

41.2951, 40.3268, 60.2509



Tritanopia

53.2790, 40.1376, 32.5430

Trichromacy



Original Color

59.7101, 40.1803, 63.6400



Protanomaly

45.8324, 38.6939, 77.7261



Deuteranomaly

46.4747, 39.1415, 61.6055



Tritanomaly

55.1964, 39.8763, 42.3239

Monochromacy



Original Color

59.7101, 40.1803, 63.6400



Achromatopsia

39.7200, 41.7885, 45.5077



Achromatomaly

45.1069, 39.6420, 51.1732

CSS Examples

Text

The CSS property to change the color of the text to XYZ 59.7101, 40.1803, 63.6400 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, 124, 207)` looks like.

```
.text, #text, p{  
    color:rgb(255, 124, 207)  
}
```

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, 124, 207) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 124, 207) }
```

Border

The CSS property to change the border of an element to XYZ 59.7101, 40.1803, 63.6400 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, 124, 207) }
```


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

```
.border{ border-color:rgb(255, 124, 207) }
```

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

Here you see how a box with a 4 pixel rgb(255, 124, 207) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 124, 207); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 124, 207);  
box-shadow:4px 4px 4px 4px rgb(255, 124,  
207) }
```

Background

The CSS property to change the background color of an element to XYZ 59.7101, 40.1803, 63.6400 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 124, 207) }
```

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

```
.background{ background-color: rgb(255,  
124, 207) }
```

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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