

Converting Colors

XYZ(40.0061, 35.3414, 36.8036)

Have a look what the booklet for
XYZ(40.0061, 35.3414, 36.8036)
contains.

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Color

**XYZ(40.0727, 35.4439,
36.6276)**

Conversions

Conversions Part 1

Format	Color
Hex	C7939D
RGB	199, 147, 157
RGB Percent	78%, 58%, 62%
CMY	0.2196, 0.4235, 0.3843
CMYK	0.00, 0.26, 0.21, 0.22
HSL	348°, 32%, 68%
HSV	348°, 26%, 78%
XYZ	40.0727, 35.4439, 36.6276
YIQ	163.6880, 27.7820, 14.1340

Conversions

Conversions Part 2

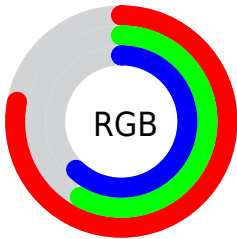
Format	Color
R_{YB}	199, 147, 157
Decimal	13079453
CIE _{Lab}	66.09, 21.07, 2.44
CIE _{LCh}	66, 21.214, 6.615
Yxy	35.4439, 0.3573, 0.3161
Android (android.graphics.Color)	4291269533 (0xFFC7939D)
YUV	163.6880, -3.2972, 30.9686
Hunter-Lab	59.5348, 15.9620, 5.1973

Details

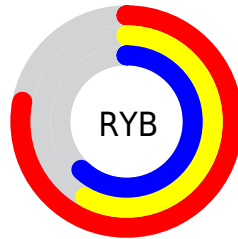
The XYZ color **40.0727, 35.4439, 36.6276** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **41.6428, 50.7248, 55.7427**, and the grayscale version is **35.1451, 36.9754, 40.2662**.

A 20% lighter version of the original color is **73.8845, 67.7364, 70.8083**, and **18.2860, 15.3356, 15.6320** is the 20% darker color. If you saturate the color by 10%, you get **35.9585, 29.2690, 28.9250**, and if you desaturate by 10%, it is **44.9047, 42.7649, 45.4611**.

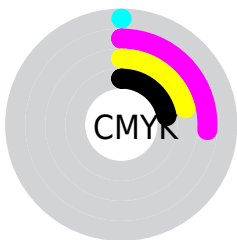
Distribution



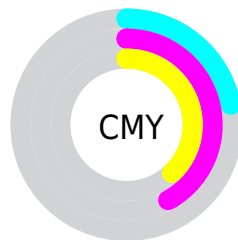
- Red (78%)
- Green (58%)
- Blue (62%)



- Red (78%)
- Yellow (58%)
- Blue (62%)



- Cyan (0%)
- Magenta (26%)
- Yellow (21%)
- Black (22%)




- Cyan (22%)
- Magenta (42%)
- Yellow (38%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 40.0727, 35.4439, 36.6276 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 40.0727, 35.4439, 36.6276 by changing the saturation by 10% instead.


 40.0727, 35.4439,
36.6276


 40.0727, 35.4439,
36.6276

337.5591,
326.5234, 346.8154

 27.7797, 24.0050,
24.6258

 74.5578, 68.1729,
71.1796

 18.2993, 15.3373,
15.5820


 97.4807, 90.2317,
94.5668

 11.2660, 9.0565,
9.0777


124.6775,
116.5994, 122.5862

 6.3147, 4.7780,
4.6944

156.5137,
147.6603, 155.6564

 3.0798, 2.1176,
2.0135

193.3546,
183.7987, 194.1959

 1.1961, 0.6745,
0.5636

235.5656,

 0.1033, 0.0000,

225.3991, 238.6232

0.0000

283.5119,
272.8458, 289.3568

0.0000, 0.0000,
0.0000

40.0727, 35.4439,
36.6276

40.0727, 35.4439,
36.6276

35.9585, 29.2690,
28.9250

44.9047, 42.7649,
45.4611

32.5246, 24.1773,
22.3051

50.4839, 51.2808,
55.4667

29.7346, 20.1074,
16.7194

56.8412, 61.0437,
66.6862

27.5473, 16.9899,
12.1148

64.0054, 72.1010,
79.1586

25.9166, 14.7464,
8.4332

72.0035, 84.4977,
92.9211

■ 24.7896, 13.2862,
5.6103

■ 77.1142, 90.7825,
106.7606

■ 24.1006, 12.4949,
3.5721

■ 77.3633, 90.8822,
108.0723

■ 23.9073, 12.2838,
2.9665

Harmonies

Analogous

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



39.5614, 35.4439, 45.8976



40.0727, 35.4439, 36.6276



38.7896, 35.4439, 29.1401

Triad

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



40.0727, 35.4439, 36.6276



30.2021, 35.4439, 26.2724



31.3403, 35.4439, 56.8115

Complementary

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



40.0727, 35.4439, 36.6276



41.6428, 50.7248, 55.7427

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.



29.0552, 35.4439, 49.8951



40.0727, 35.4439, 36.6276



28.4274, 35.4439, 32.1066

Square

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



40.0727, 35.4439, 36.6276



32.9951, 35.4439, 23.7940



28.0209, 35.4439, 40.6262



34.3912, 35.4439, 58.5234

Rectangle

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



40.0727, 35.4439, 36.6276



37.1336, 35.4439, 25.8405



28.0209, 35.4439, 40.6262



30.4631, 35.4439, 54.9710

Sweetspot

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



40.0737, 35.4455, 36.6283



86.3434, 86.6516, 93.4661



41.6308, 35.7605, 58.7413



18.1520, 18.0441, 19.4179



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.



40.0737, 35.4455, 36.6283



66.1757, 56.0591, 56.7078



41.8471, 40.3028, 33.1795



10.7158, 10.6697, 11.4868



15.3975, 7.9086, 2.0373



0.7547, 0.3847, 0.2316

Inverse Universe

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



40.0737, 35.4455, 36.6283



66.1757, 56.0591, 56.7078



39.3589, 44.3600, 60.5209



10.7158, 10.6697, 11.4868



15.3975, 7.9086, 2.0373



0.7547, 0.3847, 0.2316

Previews

White Background



This preview shows how the XYZ color 40.0727, 35.4439, 36.6276 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 40.0727, 35.4439, 36.6276 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

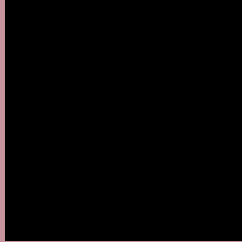
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 40.0727, 35.4439, 36.6276

Background



This preview shows how black text looks on a background with the XYZ color 40.0727, 35.4439, 36.6276.



This preview shows how white text looks on a background with the XYZ color 40.0727, 35.4439,

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

40.0727, 35.4439, 36.6276

Protanopia

34.3759, 35.6085, 40.1833

Deuteranopia

36.3953, 35.7272, 35.9881



Tritanopia

40.1585, 35.4782, 37.0791

Trichromacy



Original Color

40.0727, 35.4439, 36.6276

Protanomaly

36.0589, 35.2460, 38.6209

Deuteranomaly

37.6417, 35.6219, 36.3443

Tritanomaly

40.1585, 35.4782, 37.0791

Monochromacy



Original Color

40.0727, 35.4439, 36.6276

Achromatopsia

35.2861, 37.1238, 40.4278

Achromatomaly

36.7913, 36.3740, 38.8000

CSS Examples

Text

The CSS property to change the color of the text to XYZ 40.0727, 35.4439, 36.6276 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(199, 147, 157)` looks like.

```
.text, #text, p{  
    color:rgb(199, 147, 157)  
}
```

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(199, 147, 157) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(199, 147, 157) }
```

Border

The CSS property to change the border of an element to XYZ 40.0727, 35.4439, 36.6276 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(199, 147, 157) }
```


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

```
.border{ border-color:rgb(199, 147, 157) }
```

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

Here you see how a box with a 4 pixel rgb(199, 147, 157) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(199, 147, 157); -webkit-box-  
shadow:4px 4px 4px 4px rgb(199, 147, 157);  
box-shadow:4px 4px 4px 4px rgb(199, 147,  
157) }
```

Background

The CSS property to change the background color of an element to XYZ 40.0727, 35.4439, 36.6276 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(199, 147, 157) }
```

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

```
.background{ background-color: rgb(199,  
147, 157) }
```

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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