

Converting Colors

XYZ(40.1823, 35.1281, 37.4684)

Have a look what the booklet for XYZ(40.1823, 35.1281, 37.4684) contains.

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Color

**XYZ(40.2028, 35.0334,
37.4441)**

Conversions

Conversions Part 1

Format	Color
Hex	C8919F
RGB	200, 145, 159
RGB Percent	78%, 57%, 62%
CMY	0.2157, 0.4314, 0.3765
CMYK	0.00, 0.27, 0.20, 0.22
HSL	345°, 33%, 68%
HSV	345°, 27%, 78%
XYZ	40.2028, 35.0334, 37.4441
YIQ	163.0410, 28.2860, 16.0140

Conversions

Conversions Part 2

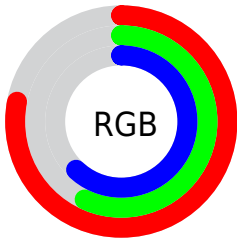
Format	Color
R_{YB}	200, 145, 159
Decimal	13144479
CIE _{Lab}	65.77, 22.85, 0.87
CIE _{LCh}	66, 22.866, 2.179
Yxy	35.0334, 0.3568, 0.3109
Android (android.graphics.Color)	4291334559 (0xFFC8919F)
YUV	163.0410, -1.9922, 32.4130
Hunter-Lab	59.1890, 17.6613, 3.9243

Details

The XYZ color **40.2028, 35.0334, 37.4441** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **41.1957, 50.8743, 54.1053**, and the grayscale version is **34.8327, 36.6467, 39.9083**.

A 20% lighter version of the original color is **73.8010, 66.9619, 72.6535**, and **18.3865, 15.1079, 16.1344** is the 20% darker color. If you saturate the color by 10%, you get **36.1947, 28.9643, 30.1050**, and if you desaturate by 10%, it is **44.9069, 42.2441, 45.7861**.

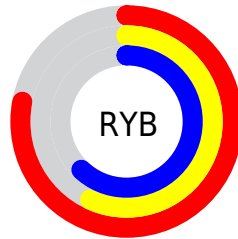
Distribution



Red (78%)

Green (57%)

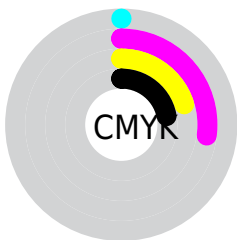
Blue (62%)



Red (78%)

Yellow (57%)

Blue (62%)

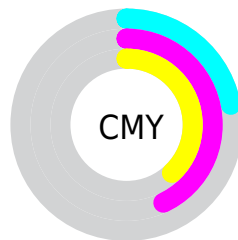


Cyan (0%)

Magenta (27%)

Yellow (20%)

Black (22%)



Cyan (22%)


Magenta (43%)


Yellow (38%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 40.2028, 35.0334, 37.4441 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 40.2028, 35.0334, 37.4441 by changing the saturation by 10% instead.


 40.2028, 35.0334,
37.4441


 40.2028, 35.0334,
37.4441


338.0974,
324.7157, 350.4557

 27.8816, 23.6886,
25.2530


 74.7546, 67.5375,
72.4492

 18.3764, 15.1028,
16.0450


 97.7159, 89.4656,
96.1004

 11.3219, 8.8916,
9.4013

124.9547,
115.6903, 124.4087

 6.3527, 4.6705,
4.9035

156.8363,
146.5959, 157.7926

 3.1034, 2.0553,
2.1330

193.7259,
182.5668, 196.6707

 1.2087, 0.6393,
0.6353

235.9891,

 0.1132, 0.0000,

223.9875, 241.4616

0.0000

283.9911,
271.2424, 292.5837

■ 0.0000, 0.0000,
0.0000

■ 40.2028, 35.0334,
37.4441

■ 40.2028, 35.0334,
37.4441

■ 36.1947, 28.9643,
30.1050

■ 44.9069, 42.2441,
45.7861

■ 32.8461, 23.9734,
23.7280

■ 50.3355, 50.6459,
55.1652

■ 30.1211, 19.9983,
18.2729

■ 56.5190, 60.2913,
65.6166

■ 27.9795, 16.9683,
13.6954

■ 63.4852, 71.2283,
77.1732

■ 26.3760, 14.8037,
9.9475

■ 71.2605, 83.5022,
89.8665

■ 25.2583, 13.4113,
6.9759

■ 76.5946, 90.6054,
102.6349

■ 24.5546, 12.6603,
4.7176

■ 77.6295, 91.0194,
108.0847

■ 24.4148, 12.5175,
4.2496

Harmonies

Analogous

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



39.3647, 35.0334, 47.4795



40.2028, 35.0334, 37.4441



39.0898, 35.0334, 29.0904

Triad

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



40.2028, 35.0334, 37.4441



29.9648, 35.0334, 24.4945



30.3644, 35.0334, 57.0265

Complementary

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



40.2028, 35.0334, 37.4441



41.1957, 50.8743, 54.1053

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.



28.1089, 35.0334, 48.9078



40.2028, 35.0334, 37.4441



27.8894, 35.0334, 30.1226

Square

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



40.2028, 35.0334, 37.4441



33.0524, 35.0334, 22.4427



27.2332, 35.0334, 38.8554



33.5452, 35.0334, 59.8595

Rectangle

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



40.2028, 35.0334, 37.4441



37.4321, 35.0334, 25.2827



27.2332, 35.0334, 38.8554



29.4804, 35.0334, 54.7645

Sweetspot

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



40.2038, 35.0350, 37.4448



86.5312, 86.7268, 94.4551



40.6400, 34.7785, 59.2147



18.1990, 18.0629, 19.6652



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.



40.2038, 35.0350, 37.4448



65.3185, 54.1467, 57.0323



41.1299, 38.7222, 32.0965



10.7428, 10.6805, 11.6288



15.5549, 7.9715, 2.8658



0.7669, 0.3896, 0.2957

Inverse Universe

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



40.2038, 35.0350, 37.4448



65.3185, 54.1467, 57.0323



39.9093, 45.8024, 61.3810



10.7428, 10.6805, 11.6288



15.5549, 7.9715, 2.8658



0.7669, 0.3896, 0.2957

Previews

White Background



This preview shows how the XYZ color 40.2028, 35.0334, 37.4441 looks on a white background.

Color Contrast Check

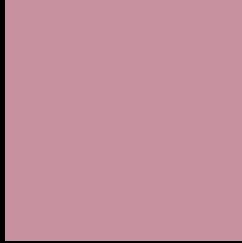
Large Text (above 18pt) WCAG AA × Fail

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 40.2028, 35.0334, 37.4441 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

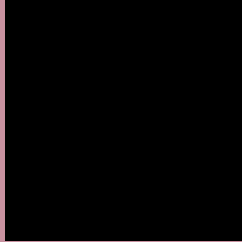
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 40.2028, 35.0334, 37.4441

Background



This preview shows how black text looks on a background with the XYZ color 40.2028, 35.0334, 37.4441.



This preview shows how white text looks on a background with the XYZ color 40.2028, 35.0334,

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

40.2028, 35.0334, 37.4441

Protanopia

34.0711, 35.1634, 41.5507

Deuteranopia

35.9386, 35.2241, 36.8031



Tritanopia

40.0306, 34.9645, 36.5373

Trichromacy



Original Color

40.2028, 35.0334, 37.4441

Protanomaly

35.9356, 34.9055, 39.9654

Deuteranomaly

37.2457, 34.9161, 37.1242

Tritanomaly

40.1164, 34.9988, 36.9888

Monochromacy



Original Color

40.2028, 35.0334, 37.4441

Achromatopsia

34.8123, 36.6253, 39.8849

Achromatomaly

36.3146, 35.6157, 39.1429

CSS Examples

Text

The CSS property to change the color of the text to XYZ 40.2028, 35.0334, 37.4441 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(200, 145, 159)` looks like.

```
.text, #text, p{  
    color:rgb(200, 145, 159)  
}
```

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(200, 145, 159) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(200, 145, 159) }
```

Border

The CSS property to change the border of an element to XYZ 40.2028, 35.0334, 37.4441 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(200, 145, 159) }
```


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

```
.border{ border-color:rgb(200, 145, 159) }
```

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

Here you see how a box with a 4 pixel `rgb(200, 145, 159)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(200, 145, 159); -webkit-box-  
shadow:4px 4px 4px 4px rgb(200, 145, 159);  
box-shadow:4px 4px 4px 4px rgb(200, 145,  
159) }
```

Background

The CSS property to change the background color of an element to XYZ 40.2028, 35.0334, 37.4441 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(200, 145, 159) }
```

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

```
.background{ background-color: rgb(200,  
145, 159) }
```

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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