

Converting Colors

XYZ(40.5110, 36.5935, 35.7319)

Have a look what the booklet for
XYZ(40.5110, 36.5935, 35.7319)
contains.

XYZ(40.5362, 36.6419, 35.9464)	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(40.5362, 36.6419,
35.9464)**

Conversions

Conversions Part 1

Format	Color
Hex	C7979B
RGB	199, 151, 155
RGB Percent	78%, 59%, 61%
CMY	0.2196, 0.4078, 0.3922
CMYK	0.00, 0.24, 0.22, 0.22
HSL	355°, 30%, 69%
HSV	355°, 24%, 78%
XYZ	40.5362, 36.6419, 35.9464
YIQ	165.8080, 27.3240, 11.4200

Conversions

Conversions Part 2

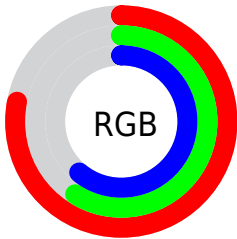
Format	Color
R_{YB}	199, 151, 155
Decimal	13080475
CIE _{Lab}	67.01, 18.57, 4.89
CIE _{LCh}	67, 19.203, 14.749
Yxy	36.6419, 0.3583, 0.3239
Android (android.graphics.Color)	4291270555 (0xFFC7979B)
YUV	165.8080, -5.3283, 29.1094
Hunter-Lab	60.5326, 13.6023, 7.1643

Details

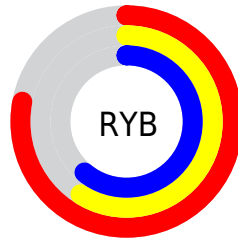
The XYZ color **40.5362, 36.6419, 35.9464** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **43.0378, 51.3672, 59.2790**, and the grayscale version is **36.1693, 38.0529, 41.4396**.

A 20% lighter version of the original color is **74.5799, 69.5261, 69.8107**, and **18.5575, 16.0431, 15.2152** is the 20% darker color. If you saturate the color by 10%, you get **36.1817, 30.2022, 27.4985**, and if you desaturate by 10%, it is **45.6648, 44.2587, 45.7952**.

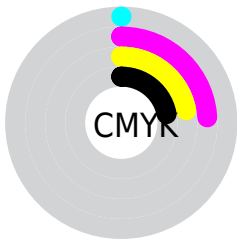
Distribution



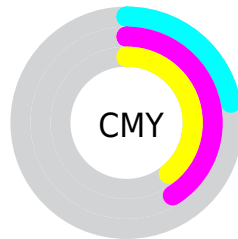
- Red (78%)
- Green (59%)
- Blue (61%)



- Red (78%)
- Yellow (59%)
- Blue (61%)



- Cyan (0%)
- Magenta (24%)
- Yellow (22%)
- Black (22%)





- Cyan (22%)
- Magenta (41%)
- Yellow (39%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 40.5362, 36.6419, 35.9464 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 40.5362, 36.6419, 35.9464 by changing the saturation by 10% instead.


 40.5362, 36.6419,
35.9464


 40.5362, 36.6419,
35.9464


339.4742,
331.7575, 343.7565

 28.1429, 24.9304,
24.1034


 75.2585, 70.0217,
70.1174

 18.5744, 16.0252,
15.1975


 98.3182, 92.4587,
93.2826

 11.4654, 9.5420,
8.8099


125.6642,
119.2397, 121.0589

 6.4503, 5.0963,
4.5223

157.6616,
150.7490, 153.8649

 3.1640, 2.3039,
1.9160

194.6760,
187.3710, 192.1191

 1.2411, 0.7758,
0.5029

237.0727,

 0.1385, 0.0000,

229.4902, 236.2401

0.0000

285.2170,
277.4909, 286.6464

0.0000, 0.0000,
0.0000

40.5362, 36.6419,
35.9464

40.5362, 36.6419,
35.9464

36.1817, 30.2022,
27.4985

45.6648, 44.2587,
45.7952

32.5608, 24.8761,
20.3857

51.5994, 53.1019,
57.1020

29.6339, 20.6019,
14.5403

58.3737, 63.2240,
69.9238

27.3565, 17.3099,
9.8876

66.0188, 74.6732,
84.3136

25.6786, 14.9219,
6.3453

74.5640, 87.4950,
100.3218

■ 24.5434, 13.3477,
3.8204

■ 77.3633, 90.8822,
108.0723

■ 23.8825, 12.4785,
2.2050

■ 23.6512, 12.1813,
1.6175

Harmonies

Analogous

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



40.5221, 36.6419, 44.2723



40.5362, 36.6419, 35.9464



38.9633, 36.6419, 29.6251

Triad

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



40.5362, 36.6419, 35.9464



31.0266, 36.6419, 29.5435



33.3726, 36.6419, 57.4832

Complementary

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



40.5362, 36.6419, 35.9464



43.0378, 51.3672, 59.2790

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.



30.9944, 36.6419, 52.3044



40.5362, 36.6419, 35.9464



29.6922, 36.6419, 35.8196

Square

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



40.5362, 36.6419, 35.9464



33.4189, 36.6419, 26.2942



29.6808, 36.6419, 44.1265



36.2742, 36.6419, 57.5298

Rectangle

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



40.5362, 36.6419, 35.9464



37.2744, 36.6419, 27.0631



29.6808, 36.6419, 44.1265



32.4892, 36.6419, 56.2560

Sweetspot

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



40.5372, 36.6436, 35.9472



87.0939, 88.1258, 93.7994



43.8822, 37.8606, 59.0281



18.5023, 18.6547, 19.8116



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.



40.5372, 36.6436, 35.9472



66.7659, 57.9248, 54.7916



43.7031, 43.5037, 35.3739



10.6691, 10.6510, 11.2409



15.2217, 7.8383, 1.1116



0.7334, 0.3762, 0.1193

Inverse Universe

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



40.5372, 36.6436, 35.9472



66.7659, 57.9248, 54.7916



39.1929, 42.9445, 60.2566



10.6691, 10.6510, 11.2409



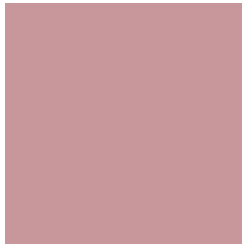
15.2217, 7.8383, 1.1116



0.7334, 0.3762, 0.1193

Previews

White Background



This preview shows how the XYZ color 40.5362, 36.6419, 35.9464 looks on a white background.

Color Contrast Check

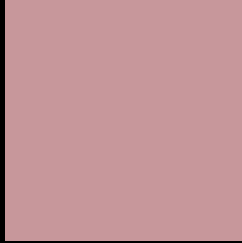
Large Text (above 18pt) WCAG AA × Fail

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 40.5362, 36.6419, 35.9464 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 40.5362, 36.6419, 35.9464

Background



This preview shows how black text looks on a background with the XYZ color 40.5362, 36.6419, 35.9464.



This preview shows how white text looks on a background with the XYZ color 40.5362, 36.6419,

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

40.5362, 36.6419, 35.9464

Protanopia

35.4666, 36.9831, 38.9874

Deuteranopia

37.5880, 36.8541, 35.7043



Tritanopia

41.2474, 36.7007, 39.0924

Trichromacy



Original Color

40.5362, 36.6419, 35.9464

Protanomaly

37.2466, 36.8832, 37.9569

Deuteranomaly

38.5403, 36.5946, 35.6040

Tritanomaly

40.9838, 36.5953, 37.7044

Monochromacy



Original Color

40.5362, 36.6419, 35.9464

Achromatopsia

36.2450, 38.1326, 41.5264

Achromatomaly

37.6266, 37.5634, 39.4497

CSS Examples

Text

The CSS property to change the color of the text to XYZ 40.5362, 36.6419, 35.9464 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, 151, 155)` looks like.

```
.text, #text, p{  
    color:rgb(199, 151, 155)  
}
```

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, 151, 155) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(199, 151, 155) }
```

Border

The CSS property to change the border of an element to XYZ 40.5362, 36.6419, 35.9464 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, 151, 155) }
```


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

```
.border{ border-color:rgb(199, 151, 155) }
```

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

Here you see how a box with a 4 pixel `rgb(199, 151, 155)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(199, 151, 155); -webkit-box-  
shadow:4px 4px 4px 4px rgb(199, 151, 155);  
box-shadow:4px 4px 4px 4px rgb(199, 151,  
155) }
```

Background

The CSS property to change the background color of an element to XYZ 40.5362, 36.6419, 35.9464 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(199, 151, 155) }
```

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

```
.background{ background-color: rgb(199,  
151, 155) }
```

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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