

Converting Colors

XYZ(39.4364, 34.5351, 41.6573)

Have a look what the booklet for
XYZ(39.4364, 34.5351, 41.6573)
contains.

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Color

**XYZ(39.4414, 34.5473,
41.6353)**

Conversions

Conversions Part 1

Format	Color
Hex	C291A8
RGB	194, 145, 168
RGB Percent	76%, 57%, 66%
CMY	0.2392, 0.4314, 0.3412
CMYK	0.00, 0.25, 0.13, 0.24
HSL	332°, 29%, 66%
HSV	332°, 25%, 76%
XYZ	39.4414, 34.5473, 41.6353
YIQ	162.2730, 21.8210, 17.5410

Conversions

Conversions Part 2

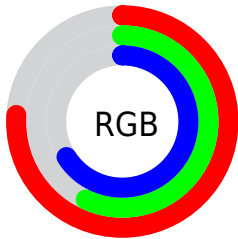
Format	Color
RYB	194, 145, 168
Decimal	12751272
CIELab	65.39, 22.10, -4.83
CIELCh	65, 22.624, 347.673
Yxy	34.5473, 0.3411, 0.2988
Android (android.graphics.Color)	4290941352 (0xFFC291A8)
YUV	162.2730, 2.8234, 27.8246
Hunter-Lab	58.7770, 16.9201, -0.8549

Details

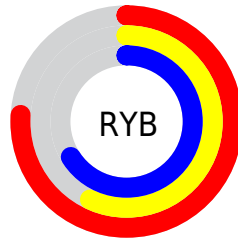
The XYZ color **39.4414, 34.5473, 41.6353** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **38.3209, 47.5445, 45.6876**, and the grayscale version is **34.4515, 36.2456, 39.4715**.

A 20% lighter version of the original color is **73.5264, 66.6838, 78.8080**, and **17.9703, 14.8418, 18.4406** is the 20% darker color. If you saturate the color by 10%, you get **35.8050, 28.7487, 35.8773**, and if you desaturate by 10%, it is **43.6619, 41.3917, 47.9634**.

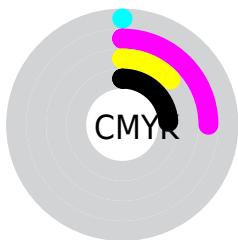
Distribution



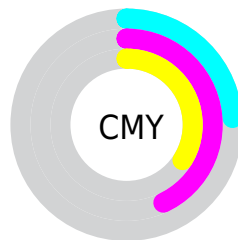
- Red (76%)
- Green (57%)
- Blue (66%)



- Red (76%)
- Yellow (57%)
- Blue (66%)



- Cyan (0%)
- Magenta (25%)
- Yellow (13%)
- Black (24%)




- Cyan (24%)
- Magenta (43%)
- Yellow (34%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 39.4414, 34.5473, 41.6353 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 39.4414, 34.5473, 41.6353 by changing the saturation by 10% instead.


 39.4414, 34.5473,
41.6353


 39.4414, 34.5473,
41.6353


334.9384,
322.5656, 368.7239

 27.2855, 23.3144,
28.4924


 73.6019, 66.7839,
78.9115

 17.9255, 14.8258,
18.4549

 96.3373, 88.5563,
103.8819

 10.9959, 8.6972,
11.1043


123.3299,
114.6107, 133.6318

 6.1313, 4.5442,
6.0220

154.9450,
145.3314, 168.5798

 2.9665, 1.9824,
2.7894

191.5481,
181.1028, 209.1445

 1.1361, 0.5972,
0.9881

233.5044,

 0.0550, 0.0000,

222.3094, 255.7444

0.0000

281.1794,
269.3356, 308.7980

■ 0.0000, 0.0000,
0.0000

■ 39.4414, 34.5473,
41.6353

■ 39.4414, 34.5473,
41.6353

■ 35.8050, 28.7487,
35.8773

■ 43.6619, 41.3917,
47.9634

■ 32.7223, 23.9393,
30.6695

■ 48.4892, 49.3257,
54.8764

■ 30.1644, 20.0637,
25.9938

■ 53.9481, 58.3963,
62.3910

■ 28.0988, 17.0597,
21.8299

■ 60.0614, 68.6463,
70.5227

■ 26.4886, 14.8570,
18.1560

■ 66.8507, 80.1162,
79.2862

■ 25.2917, 13.3743,
14.9478

■ 72.2588, 88.6896,
88.0032

■ 24.4567, 12.5126,
12.1776

■ 73.7459, 89.2845,
95.8343

■ 24.1390, 12.2257,
10.9973

■ 75.3198, 89.9140,
104.1226

■ 76.0583, 90.2094,
108.0112

Harmonies

Analogous

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



37.7601, 34.5473, 51.2445



39.4414, 34.5473, 41.6353



39.2684, 34.5473, 32.3588

Triad

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



39.4414, 34.5473, 41.6353



30.9451, 34.5473, 22.8081



28.7417, 34.5473, 52.7334

Complementary

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



39.4414, 34.5473, 41.6353



38.3209, 47.5445, 45.6876

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.



27.1478, 34.5473, 43.4141



39.4414, 34.5473, 41.6353



28.3600, 34.5473, 26.6475

Square

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



39.4414, 34.5473, 41.6353



34.2111, 34.5473, 22.4949



27.0129, 34.5473, 33.8643



31.4986, 34.5473, 58.3361

Rectangle

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



39.4414, 34.5473, 41.6353



38.1252, 34.5473, 27.5569



27.0129, 34.5473, 33.8643



28.0604, 34.5473, 49.8665

Sweetspot

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



39.4424, 34.5489, 41.6360



85.2231, 85.0307, 95.7151



36.5105, 32.7290, 55.4323



18.3642, 18.1290, 20.5352



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.



39.4424, 34.5489, 41.6360



67.8906, 56.8780, 69.8606



37.6109, 34.0166, 31.3736



10.2655, 10.1548, 11.4889



15.9113, 8.0543, 7.4448



0.7223, 0.3619, 0.5049

Inverse Universe

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



39.4424, 34.5489, 41.6360



67.8906, 56.8780, 69.8606



40.5262, 48.1366, 58.1946



10.2655, 10.1548, 11.4889



15.9113, 8.0543, 7.4448



0.7223, 0.3619, 0.5049

Previews

White Background



This preview shows how the XYZ color 39.4414, 34.5473, 41.6353 looks on a white background.

Color Contrast Check

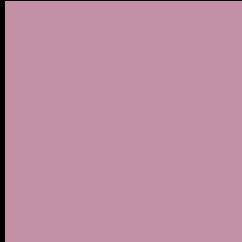
Large Text (above 18pt) WCAG AA × Fail

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 39.4414, 34.5473, 41.6353 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

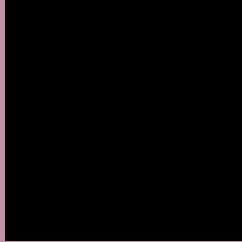
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 39.4414, 34.5473, 41.6353

Background



This preview shows how black text looks on a background with the XYZ color 39.4414, 34.5473, 41.6353.



This preview shows how white text looks on a background with the XYZ color 39.4414, 34.5473,

41.6353.

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

39.4414, 34.5473, 41.6353

Protanopia

33.9680, 34.7564, 45.9926

Deuteranopia

35.2331, 34.5223, 40.8829



Tritanopia

38.5976, 34.6735, 37.0061

Trichromacy



Original Color

39.4414, 34.5473, 41.6353

Protanomaly

35.5116, 34.3456, 44.2929

Deuteranomaly

36.6321, 34.5069, 41.2890

Tritanomaly

38.7928, 34.5039, 38.7977

Monochromacy



Original Color

39.4414, 34.5473, 41.6353

Achromatopsia

34.3422, 36.1307, 39.3463

Achromatomaly

36.0449, 35.4559, 40.0659

CSS Examples

Text

The CSS property to change the color of the text to XYZ 39.4414, 34.5473, 41.6353 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(194, 145, 168)` looks like.

```
.text, #text, p{  
    color:rgb(194, 145, 168)  
}
```

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(194, 145, 168) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 145, 168) }
```

Border

The CSS property to change the border of an element to XYZ 39.4414, 34.5473, 41.6353 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(194, 145, 168) }
```


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

```
.border{ border-color:rgb(194, 145, 168) }
```

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

Here you see how a box with a 4 pixel `rgb(194, 145, 168)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(194, 145, 168); -webkit-box-  
shadow:4px 4px 4px 4px rgb(194, 145, 168);  
box-shadow:4px 4px 4px 4px rgb(194, 145,  
168) }
```

Background

The CSS property to change the background color of an element to XYZ 39.4414, 34.5473, 41.6353 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 145, 168) }
```

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

```
.background{ background-color: rgb(194,  
145, 168) }
```

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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