

Converting Colors

XYZ(41.3543, 35.6056, 34.4735)

Have a look what the booklet for
XYZ(41.3543, 35.6056, 34.4735)
contains.

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Color

**XYZ(41.5250, 35.7832,
34.4240)**

Conversions

Conversions Part 1

Format	Color
Hex	CF9198
RGB	207, 145, 152
RGB Percent	81%, 57%, 60%
CMY	0.1882, 0.4314, 0.4039
CMYK	0.00, 0.30, 0.27, 0.19
HSL	353°, 39%, 69%
HSV	353°, 30%, 81%
XYZ	41.5250, 35.7832, 34.4240
YIQ	164.3360, 34.7050, 15.3210

Conversions

Conversions Part 2

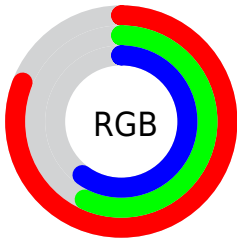
Format	Color
R _Y B	207, 145, 152
Decimal	13603224
CIE Lab	66.35, 24.42, 5.74
CIE LCh	66, 25.089, 13.229
Yxy	35.7832, 0.3716, 0.3203
Android (android.graphics.Color)	4291793304 (0xFFCF9198)
YUV	164.3360, -6.0816, 37.4163
Hunter-Lab	59.8191, 19.2272, 7.7538

Details

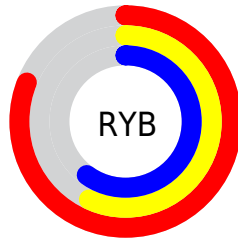
The XYZ color **41.5250, 35.7832, 34.4240** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **44.4167, 54.8163, 62.8859**, and the grayscale version is **35.4640, 37.3109, 40.6315**.

A 20% lighter version of the original color is **72.8040, 66.5631, 67.4033**, and **19.1142, 15.5243, 14.3010** is the 20% darker color. If you saturate the color by 10%, you get **37.2559, 29.4685, 26.1461**, and if you desaturate by 10%, it is **46.6052, 43.3470, 44.1220**.

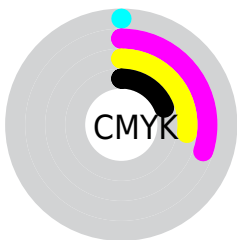
Distribution



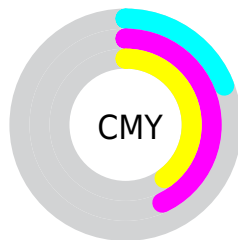
- Red (81%)
- Green (57%)
- Blue (60%)



- Red (81%)
- Yellow (57%)
- Blue (60%)



- Cyan (0%)
- Magenta (30%)
- Yellow (27%)
- Black (19%)





- Cyan (19%)
- Magenta (43%)
- Yellow (40%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 41.5250, 35.7832, 34.4240 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 41.5250, 35.7832, 34.4240 by changing the saturation by 10% instead.


 41.5250, 35.7832,
34.4240


 41.5250, 35.7832,
34.4240


343.5353,
328.0120, 336.8452

 28.9190, 24.2668,
22.9395

 76.7499, 68.6973,
67.7339

 19.1635, 15.5317,
14.3440


 100.0995, 90.8638,
90.3964

 11.8932, 9.1934,
8.2188


127.7611,
117.3491, 117.6220

 6.7427, 4.8675,
4.1455

160.1000,
148.5377, 149.8292

 3.3466, 2.1697,
1.7055

197.4814,
184.8138, 187.4366

 1.3396, 0.7034,
0.3645

240.2709,

 0.2126, 0.0000,

226.5620, 230.8627

0.0000

288.8338,
274.1666, 280.5261

■ 0.0000, 0.0000,
0.0000

■ 41.5250, 35.7832,
34.4240

■ 41.5250, 35.7832,
34.4240

■ 37.2559, 29.4685,
26.1461

■ 46.6052, 43.3470,
44.1220

■ 33.7531, 24.3309,
19.2194

■ 52.5326, 52.2167,
55.3003

■ 30.9716, 20.2988,
13.5726

■ 59.3445, 62.4517,
68.0180

■ 28.8607, 17.2909,
9.1268

■ 67.0752, 74.1065,
82.3307

■ 27.3631, 15.2146,
5.7945

■ 75.7573, 87.2323,
98.2909

■ 26.4114, 13.9605,
3.4759

■ 79.5422, 92.0054,
108.1742

■ 25.8925, 13.3314,
2.0431

■ 25.8905, 13.3287,
2.0377

Harmonies

Analogous

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



41.3934, 35.7832, 45.2301



41.5250, 35.7832, 34.4240



39.5405, 35.7832, 26.4591

Triad

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



41.5250, 35.7832, 34.4240



29.3069, 35.7832, 25.7678



31.9722, 35.7832, 62.2705

Complementary

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



41.5250, 35.7832, 34.4240



44.4167, 54.8163, 62.8859

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.



29.0224, 35.7832, 54.8884



41.5250, 35.7832, 34.4240



27.5629, 35.7832, 33.3012

Square

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



41.5250, 35.7832, 34.4240



32.3871, 35.7832, 22.1168



27.4627, 35.7832, 43.8819



35.6880, 35.7832, 62.7232

Rectangle

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



41.5250, 35.7832, 34.4240



37.3636, 35.7832, 23.2784



27.4627, 35.7832, 43.8819



30.8650, 35.7832, 60.4630

Sweetspot

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



41.5260, 35.7849, 34.4247



85.0541, 84.9787, 90.2444



45.1461, 37.0048, 63.7948



17.8831, 17.7062, 18.7121



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.



41.5260, 35.7849, 34.4247



61.9698, 50.5643, 46.3131



44.9886, 43.6004, 32.8348



11.8622, 11.8296, 12.5502



16.3299, 8.4048, 1.3773



0.9317, 0.4774, 0.1752

Inverse Universe

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



41.5260, 35.7849, 34.4247



61.9698, 50.5643, 46.3131



39.9226, 44.4894, 65.5148



11.8622, 11.8296, 12.5502



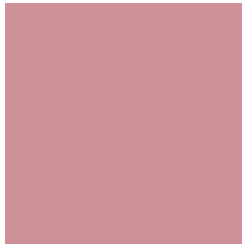
16.3299, 8.4048, 1.3773



0.9317, 0.4774, 0.1752

Previews

White Background



This preview shows how the XYZ color 41.5250, 35.7832, 34.4240 looks on a white background.

Color Contrast Check

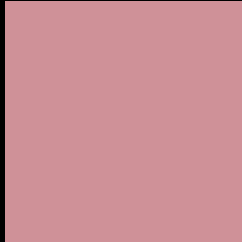
Large Text (above 18pt) WCAG AA × Fail

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 41.5250, 35.7832, 34.4240 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 41.5250, 35.7832, 34.4240

Background



This preview shows how black text looks on a background with the XYZ color 41.5250, 35.7832, 34.4240.



This preview shows how white text looks on a background with the XYZ color 41.5250, 35.7832,

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

41.5250, 35.7832, 34.4240

Protanopia

34.6949, 36.0623, 38.8503

Deuteranopia

36.6849, 35.9240, 33.8547



Tritanopia

41.6218, 35.5785, 35.6840

Trichromacy



Original Color

41.5250, 35.7832, 34.4240

Protanomaly

36.7153, 35.6146, 37.2870

Deuteranomaly

38.3000, 35.7672, 34.1633

Tritanomaly

41.5381, 35.5450, 35.2434

Monochromacy



Original Color

41.5250, 35.7832, 34.4240

Achromatopsia

35.2861, 37.1238, 40.4278

Achromatomaly

37.2245, 36.3553, 38.3130

CSS Examples

Text

The CSS property to change the color of the text to XYZ 41.5250, 35.7832, 34.4240 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(207, 145, 152)` looks like.

```
.text, #text, p{  
    color:rgb(207, 145, 152)  
}
```

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(207, 145, 152) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(207, 145, 152) }
```

Border

The CSS property to change the border of an element to XYZ 41.5250, 35.7832, 34.4240 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(207, 145, 152) }
```


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

```
.border{ border-color:rgb(207, 145, 152) }
```

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

Here you see how a box with a 4 pixel `rgb(207, 145, 152)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(207, 145, 152); -webkit-box-  
shadow:4px 4px 4px 4px rgb(207, 145, 152);  
box-shadow:4px 4px 4px 4px rgb(207, 145,  
152) }
```

Background

The CSS property to change the background color of an element to XYZ 41.5250, 35.7832, 34.4240 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(207, 145, 152) }
```

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

```
.background{ background-color: rgb(207,  
145, 152) }
```

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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