

Converting Colors

XYZ(40.6256, 33.5682, 34.0439)

Have a look what the booklet for
XYZ(40.6256, 33.5682, 34.0439)
contains.

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Color

**XYZ(40.6256, 33.5682,
34.0439)**

Conversions

Conversions Part 1

Format	Color
Hex	D08998
RGB	208, 137, 152
RGB Percent	82%, 54%, 60%
CMY	0.1843, 0.4627, 0.4039
CMYK	0.00, 0.34, 0.27, 0.18
HSL	347°, 43%, 68%
HSV	347°, 34%, 82%
XYZ	40.6256, 33.5682, 34.0439
YIQ	159.9390, 37.5010, 19.7170

Conversions

Conversions Part 2

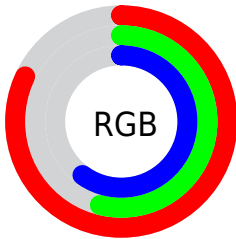
Format	Color
R _Y B	208, 137, 152
Decimal	13666712
CIE Lab	64.62, 29.14, 3.25
CIE LCh	65, 29.326, 6.368
Yxy	33.5682, 0.3753, 0.3101
Android (android.graphics.Color)	4291856792 (0xFFD08998)
YUV	159.9390, -3.9139, 42.1495
Hunter-Lab	57.9381, 23.7708, 5.7184

Details

The XYZ color **40.6256, 33.5682, 34.0439** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **42.4995, 54.2812, 58.6921**, and the grayscale version is **33.3917, 35.1306, 38.2573**.

A 20% lighter version of the original color is **71.0114, 62.9778, 66.8058**, and **18.6256, 14.2706, 14.0847** is the 20% darker color. If you saturate the color by 10%, you get **36.6968, 27.7142, 26.5569**, and if you desaturate by 10%, it is **45.3121, 40.6397, 42.7012**.

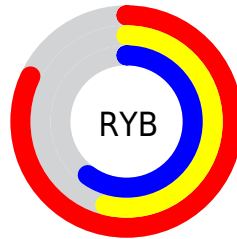
Distribution



Red (82%)

Green (54%)

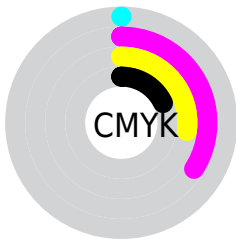
Blue (60%)



Red (82%)

Yellow (54%)

Blue (60%)

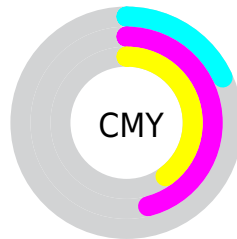


Cyan (0%)

Magenta (34%)

Yellow (27%)

Black (18%)



Cyan (18%)

Magenta (46%)


Yellow (40%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 40.6256, 33.5682, 34.0439 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 40.6256, 33.5682, 34.0439 by changing the saturation by 10% instead.

 40.6256, 33.5682,
34.0439


 40.6256, 33.5682,
34.0439


339.8428,
318.2024, 335.1029


 28.2130, 22.5621,
22.6497

 75.3935, 65.2616,
67.1366

 18.6276, 14.2705,
14.1322


 98.4796, 86.7177,
89.6722

 11.5039, 8.3090,
8.0729


 125.8542,
112.4259, 116.7586

 6.4766, 4.2933,
4.0532

157.8827,
142.7706, 148.8145

 3.1804, 1.8390,
1.6546

194.9304,
178.1362, 186.2583

 1.2499, 0.5113,
0.3293

237.3628,

 0.1452, 0.0000,

218.9071, 229.5086

0.0000

285.5451,
265.4677, 278.9840

■ 0.0000, 0.0000,
0.0000

■ 40.6256, 33.5682,
34.0439

■ 40.6256, 33.5682,
34.0439

■ 36.6968, 27.7142,
26.5569

■ 45.3121, 40.6397,
42.7012

■ 33.4824, 23.0040,
20.1875

■ 50.7910, 48.9871,
52.5747

■ 30.9391, 19.3636,
14.8813

■ 57.0980, 58.6710,
63.7099

■ 29.0175, 16.7081,
10.5790

■ 64.2659, 69.7467,
76.1496

■ 27.6610, 14.9397,
7.2148

■ 72.3256, 82.2662,
89.9345

■ 26.8021, 13.9401,
4.7144

■ 79.0971, 91.8598,
104.3670

■ 26.4659, 13.5913,
3.6049

■ 79.8225, 92.1500,
108.1874

Harmonies

Analogous

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



39.8928, 33.5682, 46.6302



40.6256, 33.5682, 34.0439



38.8620, 33.5682, 24.4770

Triad

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



40.6256, 33.5682, 34.0439



27.3515, 33.5682, 20.9074



28.7758, 33.5682, 62.1044

Complementary

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



40.6256, 33.5682, 34.0439



42.4995, 54.2812, 58.6921

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.



25.8331, 33.5682, 52.0554



40.6256, 33.5682, 34.0439



25.0627, 33.5682, 28.0386

Square

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



40.6256, 33.5682, 34.0439



31.0180, 33.5682, 18.0426



24.5322, 33.5682, 39.1763



32.8099, 33.5682, 64.6991

Rectangle

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



40.6256, 33.5682, 34.0439



36.5919, 33.5682, 20.4739



24.5322, 33.5682, 39.1763



27.6375, 33.5682, 59.3933

Sweetspot

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



40.6265, 33.5698, 34.0446



84.3768, 83.5673, 90.1940



42.2267, 33.7342, 63.9605



17.7627, 17.4308, 18.7785



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.



40.6265, 33.5698, 34.0446



59.7160, 46.2157, 45.0720



42.6056, 39.3710, 29.0227



11.9095, 11.8485, 12.7990



16.5240, 8.4824, 2.3995



0.9537, 0.4862, 0.2911

Inverse Universe

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



40.6265, 33.5698, 34.0446



59.7160, 46.2157, 45.0720



39.6613, 45.7903, 66.4228



11.9095, 11.8485, 12.7990



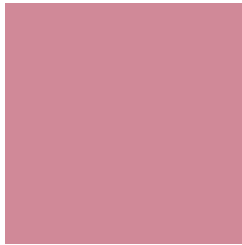
16.5240, 8.4824, 2.3995



0.9537, 0.4862, 0.2911

Previews

White Background



This preview shows how the XYZ color 40.6256, 33.5682, 34.0439 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 40.6256, 33.5682, 34.0439 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 40.6256, 33.5682, 34.0439

Background



This preview shows how black text looks on a background with the XYZ color 40.6256, 33.5682, 34.0439.



This preview shows how white text looks on a background with the XYZ color 40.6256, 33.5682,

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

40.6256, 33.5682, 34.0439

Protanopia

32.5999, 33.6904, 39.4350

Deuteranopia

34.3322, 33.7404, 33.1368



Tritanopia

40.4462, 33.7250, 32.3948

Trichromacy



Original Color

40.6256, 33.5682, 34.0439

Protanomaly

34.9100, 33.2282, 37.3746

Deuteranomaly

36.4323, 33.6342, 33.4260

Tritanomaly

40.5257, 33.7568, 32.8135

Monochromacy



Original Color

40.6256, 33.5682, 34.0439

Achromatopsia

33.4132, 35.1533, 38.2819

Achromatomaly

35.4455, 34.2379, 36.6387

CSS Examples

Text

The CSS property to change the color of the text to XYZ 40.6256, 33.5682, 34.0439 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(208, 137, 152)` looks like.

```
.text, #text, p{  
    color:rgb(208, 137, 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(208, 137, 152) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(208, 137, 152) }
```

Border

The CSS property to change the border of an element to XYZ 40.6256, 33.5682, 34.0439 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(208, 137, 152) }
```


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

```
.border{ border-color:rgb(208, 137, 152) }
```

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

Here you see how a box with a 4 pixel `rgb(208, 137, 152)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(208, 137, 152); -webkit-box-  
shadow:4px 4px 4px 4px rgb(208, 137, 152);  
box-shadow:4px 4px 4px 4px rgb(208, 137,  
152) }
```

Background

The CSS property to change the background color of an element to XYZ 40.6256, 33.5682, 34.0439 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(208, 137, 152) }
```

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

```
.background{ background-color: rgb(208,  
137, 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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