

Converting Colors

XYZ(41.0517, 34.1662, 30.9356)

Have a look what the booklet for
XYZ(41.0517, 34.1662, 30.9356)
contains.

XYZ(40.9865, 34.0395, 30.7956)	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(40.9865, 34.0395,
30.7956)**

Conversions

Conversions Part 1

Format	Color
Hex	D38A90
RGB	211, 138, 144
RGB Percent	83%, 54%, 56%
CMY	0.1725, 0.4588, 0.4353
CMYK	0.00, 0.35, 0.32, 0.17
HSL	355°, 45%, 68%
HSV	355°, 35%, 83%
XYZ	40.9865, 34.0395, 30.7956
YIQ	160.5110, 41.5820, 17.3420

Conversions

Conversions Part 2

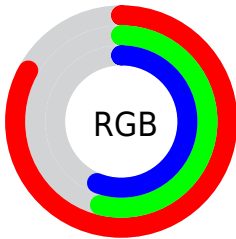
Format	Color
R _Y B	211, 138, 144
Decimal	13863568
CIE Lab	64.99, 28.64, 8.36
CIE LCh	65, 29.834, 16.278
Yxy	34.0395, 0.3873, 0.3217
Android (android.graphics.Color)	4292053648 (0xFFD38A90)
YUV	160.5110, -8.1399, 44.2789
Hunter-Lab	58.3434, 23.2962, 9.5451

Details

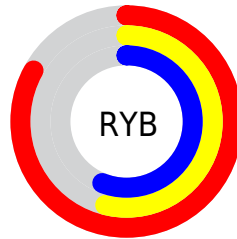
The XYZ color **40.9865, 34.0395, 30.7956** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **44.7965, 56.4004, 66.2860**, and the grayscale version is **33.6734, 35.4271, 38.5801**.

A 20% lighter version of the original color is **70.2827, 63.0365, 61.8890**, and **18.9461, 14.5931, 12.4079** is the 20% darker color. If you saturate the color by 10%, you get **36.8926, 28.0208, 22.7438**, and if you desaturate by 10%, it is **45.9242, 41.3391, 40.3822**.

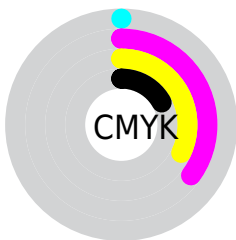
Distribution



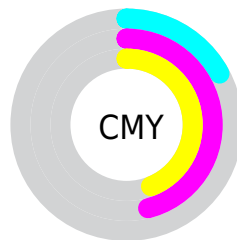
- Red (83%)
- Green (54%)
- Blue (56%)



- Red (83%)
- Yellow (54%)
- Blue (56%)



- Cyan (0%)
- Magenta (35%)
- Yellow (32%)
- Black (17%)





- Cyan (17%)
- Magenta (46%)
- Yellow (44%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 40.9865, 34.0395, 30.7956 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 40.9865, 34.0395, 30.7956 by changing the saturation by 10% instead.


 40.9865, 34.0395,
30.7956


 40.9865, 34.0395,
30.7956


341.3277,
320.3081, 319.9175


 28.4962, 22.9239,
20.1861


 75.9382, 65.9951,
61.9939

 18.8424, 14.5374,
12.3450


 99.1303, 87.6039,
83.4198

 11.6598, 8.4953,
6.8537


 126.6204,
113.4793, 109.2883

 6.5830, 4.4135,
3.2937

158.7738,
144.0056, 140.0178

 3.2467, 1.9075,
1.2465

195.9559,
179.5672, 176.0269

 1.2855, 0.5529,
0.0173

238.5320,

 0.1723, 0.0000,

220.5486, 217.7342

0.0000

286.8675,
267.3341, 265.5583

0.0000, 0.0000,
0.0000

40.9865, 34.0395,
30.7956

40.9865, 34.0395,
30.7956

36.8926, 28.0208,
22.7438

45.9242, 41.3391,
40.3822

33.5927, 23.2046,
16.1451

51.7465, 49.9824,
51.5755

31.0358, 19.5115,
10.9133

58.4947, 60.0340,
64.4451

29.1641, 16.8503,
6.9524

66.2069, 71.5527,
79.0562

27.9107, 15.1160,
4.1535

74.9188, 84.5943,
95.4704

■ 27.1956, 14.1805,
2.3898

■ 80.6740, 92.5889,
108.2272

■ 26.9678, 13.8904,
1.8037

Harmonies

Analogous

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



41.0987, 34.0395, 42.9885



40.9865, 34.0395, 30.7956



38.4316, 34.0395, 22.4099

Triad

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



40.9865, 34.0395, 30.7956



26.7217, 34.0395, 22.9499



30.4256, 34.0395, 65.2608

Complementary

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



40.9865, 34.0395, 30.7956



44.7965, 56.4004, 66.2860

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.



26.9526, 34.0395, 57.0179



40.9865, 34.0395, 30.7956



24.9462, 34.0395, 31.7090

Square

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



40.9865, 34.0395, 30.7956



30.0838, 34.0395, 18.6173



25.0268, 34.0395, 44.1283



34.7346, 34.0395, 64.8617

Rectangle

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



40.9865, 34.0395, 30.7956



35.8064, 34.0395, 19.2919



25.0268, 34.0395, 44.1283



29.1301, 34.0395, 63.3419

Sweetspot

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



40.9874, 34.0411, 30.7963



83.9058, 83.3789, 87.7136



46.0012, 35.8491, 66.1231



17.6497, 17.3856, 18.1834



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.



40.9874, 34.0411, 30.7963



57.8741, 44.8324, 37.3658



45.5322, 43.8447, 30.1100



11.8476, 11.8238, 12.4732



16.2905, 8.3890, 1.1698



0.9249, 0.4747, 0.1391

Inverse Universe

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



40.9874, 34.0411, 30.7963



57.8741, 44.8324, 37.3658



38.6798, 42.9864, 67.8867



11.8476, 11.8238, 12.4732



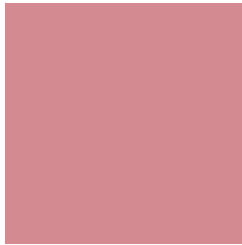
16.2905, 8.3890, 1.1698



0.9249, 0.4747, 0.1391

Previews

White Background



This preview shows how the XYZ color 40.9865, 34.0395, 30.7956 looks on a white background.

Color Contrast Check

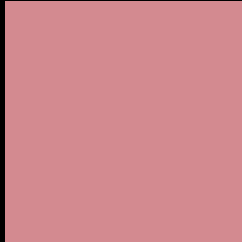
Large Text (above 18pt) WCAG AA × Fail

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 40.9865, 34.0395, 30.7956 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

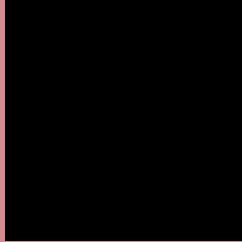
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 40.9865, 34.0395, 30.7956

Background



This preview shows how black text looks on a background with the XYZ color 40.9865, 34.0395, 30.7956.



This preview shows how white text looks on a background with the XYZ color 40.9865, 34.0395,

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

40.9865, 34.0395, 30.7956

Protanopia

32.8737, 34.1619, 35.8716

Deuteranopia

34.6264, 33.9633, 29.9299



Tritanopia

41.1549, 33.8783, 32.3870

Trichromacy



Original Color

40.9865, 34.0395, 30.7956

Protanomaly

35.3147, 33.7504, 33.9313

Deuteranomaly

36.8021, 33.8968, 30.1942

Tritanomaly

41.0761, 33.8468, 31.9719

Monochromacy



Original Color

40.9865, 34.0395, 30.7956

Achromatopsia

33.8758, 35.6400, 38.8120

Achromatomaly

35.8980, 34.7327, 35.8224

CSS Examples

Text

The CSS property to change the color of the text to XYZ 40.9865, 34.0395, 30.7956 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(211, 138, 144)` looks like.

```
.text, #text, p{  
    color:rgb(211, 138, 144)  
}
```

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(211, 138, 144) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(211, 138, 144) }
```

Border

The CSS property to change the border of an element to XYZ 40.9865, 34.0395, 30.7956 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(211, 138, 144) }
```


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

```
.border{ border-color:rgb(211, 138, 144) }
```

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

Here you see how a box with a 4 pixel `rgb(211, 138, 144)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(211, 138, 144); -webkit-box-shadow:4px 4px 4px 4px rgb(211, 138, 144); box-shadow:4px 4px 4px 4px rgb(211, 138, 144) }
```

Background

The CSS property to change the background color of an element to XYZ 40.9865, 34.0395, 30.7956 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(211, 138, 144) }
```

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

```
.background{ background-color: rgb(211,  
138, 144) }
```

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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