

Converting Colors

XYZ(42.1887, 34.4592, 39.9468)

Have a look what the booklet for
XYZ(42.1887, 34.4592, 39.9468)
contains.

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Color

**XYZ(42.1745, 34.4489,
40.0238)**

Conversions

Conversions Part 1

Format	Color
Hex	D18AA5
RGB	209, 138, 165
RGB Percent	82%, 54%, 65%
CMY	0.1804, 0.4588, 0.3529
CMYK	0.00, 0.34, 0.21, 0.18
HSL	337°, 44%, 68%
HSV	337°, 34%, 82%
XYZ	42.1745, 34.4489, 40.0238
YIQ	162.3070, 33.6490, 23.4490

Conversions

Conversions Part 2

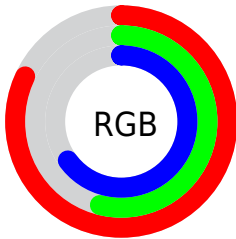
Format	Color
R_{YB}	209, 138, 165
Decimal	13732517
CIE _{Lab}	65.32, 30.86, -3.07
CIE _{LCh}	65, 31.011, 354.326
Yxy	34.4489, 0.3616, 0.2953
Android (android.graphics.Color)	4291922597 (0xFFD18AA5)
YUV	162.3070, 1.3276, 40.9498
Hunter-Lab	58.6932, 25.5497, 0.6545

Details

The XYZ color **42.1745, 34.4489, 40.0238** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **41.7267, 54.3825, 52.5562**, and the grayscale version is **34.4704, 36.2655, 39.4931**.

A 20% lighter version of the original color is **73.0079, 64.1266, 76.2399**, and **19.5257, 14.7809, 17.4467** is the 20% darker color. If you saturate the color by 10%, you get **38.3396, 28.5711, 33.2205**, and if you desaturate by 10%, it is **46.7077, 41.5316, 47.6498**.

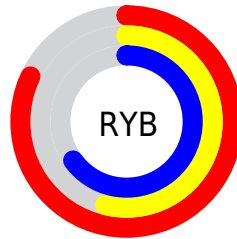
Distribution



Red (82%)

Green (54%)

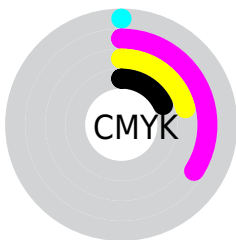
Blue (65%)



Red (82%)

Yellow (54%)

Blue (65%)

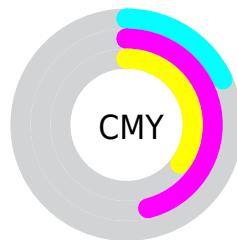


Cyan (0%)

Magenta (34%)

Yellow (21%)

Black (18%)



Cyan (18%)


Magenta (46%)

Yellow (35%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 42.1745, 34.4489, 40.0238 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 42.1745, 34.4489, 40.0238 by changing the saturation by 10% instead.


 42.1745, 34.4489,
40.0238


 42.1745, 34.4489,
40.0238

346.1851,
322.1291, 361.7790


 29.4297, 23.2387,
27.2432


 77.7272, 66.6311,
76.4372

 19.5520, 14.7698,
17.5219


 101.2657, 88.3719,
100.9071

 12.1762, 8.6580,
10.4414


 129.1328,
114.3917, 130.1105

 6.9368, 4.5188,
5.5832

161.6939,
145.0749, 164.4660

 3.4686, 1.9678,
2.5287

199.3144,
180.8058, 204.3920

 1.4061, 0.5887,
0.8553

242.3595,

 0.2606, 0.0000,

221.9689, 250.3071

0.0000

291.1946,
268.9485, 302.6299

0.0000, 0.0000,
0.0000

42.1745, 34.4489,
40.0238

42.1745, 34.4489,
40.0238

38.3396, 28.5711,
33.2205

46.7077, 41.5316,
47.6498

35.1634, 23.8255,
27.2081

51.9703, 49.8769,
56.1245

32.6065, 20.1391,
21.9555

57.9949, 59.5444,
65.4750

30.6240, 17.4281,
17.4287

64.8112, 70.5886,
75.7269

29.1643, 15.5960,
13.5899

72.4474, 83.0610,
86.9043

■ 28.1655, 14.5260,
10.3970

■ 78.1897, 91.5294,
98.1170

■ 27.7231, 14.1268,
8.7530

■ 80.1046, 92.2954,
108.2006

Harmonies

Analogous

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



40.3221, 34.4489, 53.9765



42.1745, 34.4489, 40.0238



41.3173, 34.4489, 28.1620

Triad

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



42.1745, 34.4489, 40.0238



29.2915, 34.4489, 19.0933



27.9315, 34.4489, 61.5786

Complementary

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



42.1745, 34.4489, 40.0238



41.7267, 54.3825, 52.5562

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.



25.4448, 34.4489, 48.7244



42.1745, 34.4489, 40.0238



26.1780, 34.4489, 24.7860

Square

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



42.1745, 34.4489, 40.0238



33.6094, 34.4489, 17.7929



24.8336, 34.4489, 35.1018



31.8910, 34.4489, 68.1279

Rectangle

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



42.1745, 34.4489, 40.0238



39.3615, 34.4489, 22.6670



24.8336, 34.4489, 35.1018



26.9108, 34.4489, 57.7268

Sweetspot

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



42.1755, 34.4505, 40.0245



85.0069, 83.8193, 93.5119



39.8387, 32.7010, 64.5341



17.9144, 17.4915, 19.5771



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.



42.1755, 34.4505, 40.0245



61.5350, 46.9433, 54.6503



41.2058, 36.0372, 28.8309



11.9921, 11.8816, 13.2340



17.1377, 8.7279, 5.6312



0.9964, 0.5033, 0.5160

Inverse Universe

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



42.1755, 34.4505, 40.0245



61.5350, 46.9433, 54.6503



42.8117, 51.6490, 68.0347



11.9921, 11.8816, 13.2340



17.1377, 8.7279, 5.6312



0.9964, 0.5033, 0.5160

Previews

White Background



This preview shows how the XYZ color 42.1745, 34.4489, 40.0238 looks on a white background.

Color Contrast Check

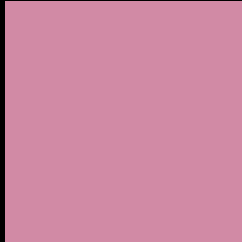
Large Text (above 18pt) WCAG AA × Fail

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 42.1745, 34.4489, 40.0238 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

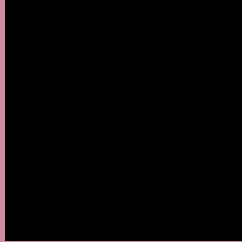
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 42.1745, 34.4489, 40.0238

Background



This preview shows how black text looks on a background with the XYZ color 42.1745, 34.4489, 40.0238.



This preview shows how white text looks on a background with the XYZ color 42.1745, 34.4489,

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

42.1745, 34.4489, 40.0238

Protanopia

33.8730, 34.6960, 46.5067

Deuteranopia

35.3108, 34.6041, 39.0006



Tritanopia

40.6961, 34.2559, 33.7453

Trichromacy



Original Color

42.1745, 34.4489, 40.0238

Protanomaly

36.2886, 34.2643, 44.2362

Deuteranomaly

37.4505, 34.2633, 39.2899

Tritanomaly

41.2458, 34.2754, 35.8944

Monochromacy



Original Color

42.1745, 34.4489, 40.0238

Achromatopsia

34.3422, 36.1307, 39.3463

Achromatomaly

36.5925, 35.0105, 39.4794

CSS Examples

Text

The CSS property to change the color of the text to XYZ 42.1745, 34.4489, 40.0238 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(209, 138, 165)` looks like.

```
.text, #text, p{  
    color:rgb(209, 138, 165)  
}
```

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(209, 138, 165) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(209, 138, 165) }
```

Border

The CSS property to change the border of an element to XYZ 42.1745, 34.4489, 40.0238 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(209, 138, 165) }
```


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

```
.border{ border-color:rgb(209, 138, 165) }
```

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

Here you see how a box with a 4 pixel `rgb(209, 138, 165)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(209, 138, 165); -webkit-box-  
shadow:4px 4px 4px 4px rgb(209, 138, 165);  
box-shadow:4px 4px 4px 4px rgb(209, 138,  
165) }
```

Background

The CSS property to change the background color of an element to XYZ 42.1745, 34.4489, 40.0238 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(209, 138, 165) }
```

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

```
.background{ background-color: rgb(209,  
138, 165) }
```

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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