

Converting Colors

XYZ(40.1126, 34.7523, 24.7309)

Have a look what the booklet for
XYZ(40.1126, 34.7523, 24.7309)
contains.

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Color

**XYZ(40.2316, 34.8789,
24.6905)**

Conversions

Conversions Part 1

Format	Color
Hex	D28F7F
RGB	210, 143, 127
RGB Percent	82%, 56%, 50%
CMY	0.1765, 0.4392, 0.5020
CMYK	0.00, 0.32, 0.40, 0.18
HSL	12°, 48%, 66%
HSV	12°, 40%, 82%
XYZ	40.2316, 34.8789, 24.6905
YIQ	161.2090, 45.0680, 9.2280

Conversions

Conversions Part 2

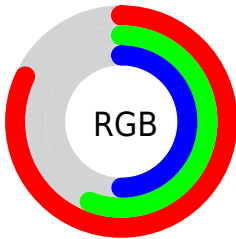
Format	Color
R _Y B	210, 147, 127
Decimal	13799295
CIE Lab	65.65, 23.46, 18.82
CIE LCh	66, 30.076, 38.743
Yxy	34.8789, 0.4031, 0.3495
Android (android.graphics.Color)	4291989375 (0xFFD28F7F)
YUV	161.2090, -16.8650, 42.7897
Hunter-Lab	59.0584, 18.2452, 16.5535

Details

The XYZ color **40.2316, 34.8789, 24.6905** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **39.6762, 47.7468, 68.0977**, and the grayscale version is **34.0356, 35.8081, 38.9950**.

A 20% lighter version of the original color is **69.4445, 64.4878, 51.9673**, and **18.3392, 14.9767, 9.1319** is the 20% darker color. If you saturate the color by 10%, you get **36.6478, 29.6781, 17.4328**, and if you desaturate by 10%, it is **44.4870, 40.9662, 33.5800**.

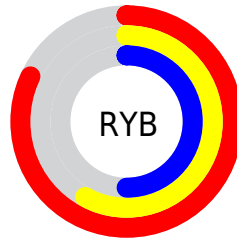
Distribution



Red (82%)

Green (56%)

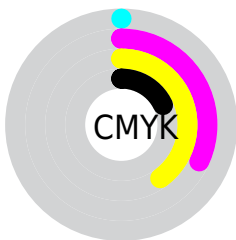
Blue (50%)



Red (82%)

Yellow (58%)

Blue (50%)

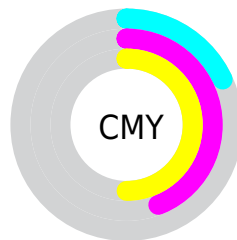


Cyan (0%)

Magenta (32%)

Yellow (40%)

Black (18%)



Cyan (18%)


Magenta (44%)


Yellow (50%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 40.2316, 34.8789, 24.6905 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 40.2316, 34.8789, 24.6905 by changing the saturation by 10% instead.


 40.2316, 34.8789,
24.6905


 40.2316, 34.8789,
24.6905


338.2165,
324.0335, 289.6913

 27.9042, 23.5696,
15.6297


 74.7982, 67.2981,
52.1126

 18.3935, 15.0147,
9.1110


 97.7680, 89.1768,
71.3109

 11.3343, 8.8297,
4.7158


 125.0160,
115.3475, 94.7255

 6.3611, 4.6303,
2.0257

156.9076,
146.1945, 122.7749

 3.1086, 2.0320,
0.5710

193.8081,
182.1021, 155.8776

 1.2115, 0.6260,
0.0000

236.0828,

 0.1154, 0.0000,

223.4550, 194.4522

0.0000

284.0972,
270.6373, 238.9173

■ 0.0000, 0.0000,
0.0000

■ 40.2316, 34.8789,
24.6905

■ 40.2316, 34.8789,
24.6905

■ 36.6478, 29.6781,
17.4328

■ 44.4870, 40.9662,
33.5800

■ 33.6979, 25.3171,
11.7052

■ 49.4436, 47.9738,
44.1905

■ 31.3443, 21.7528,
7.3973

■ 55.1328, 55.9395,
56.6074

■ 29.5443, 18.9358,
4.3834

■ 61.5830, 64.8981,
70.9095

■ 28.2490, 16.8112,
2.5151

■ 68.8210, 74.8820,
87.1712

■ 27.3873, 15.3107,
1.5405

■ 76.8727, 85.9226,
105.4625

■ 27.3539, 15.2527,
1.5024

■ 80.3884, 92.4416,
108.2138

Harmonies

Analogous

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



42.2807, 34.8789, 34.3963



40.2316, 34.8789, 24.6905



36.3290, 34.8789, 19.5101

Triad

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



40.2316, 34.8789, 24.6905



25.8449, 34.8789, 29.8187



34.4601, 34.8789, 67.4711

Complementary

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



40.2316, 34.8789, 24.6905



39.6762, 47.7468, 68.0977

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.



30.1646, 34.8789, 65.4769



40.2316, 34.8789, 24.6905



25.4409, 34.8789, 41.7984

Square

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



40.2316, 34.8789, 24.6905



28.1120, 34.8789, 21.9808



26.9547, 34.8789, 55.3370



38.7596, 34.8789, 60.3000

Rectangle

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



40.2316, 34.8789, 24.6905



33.3381, 34.8789, 18.4707



26.9547, 34.8789, 55.3370



32.9653, 34.8789, 67.8783

Sweetspot

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



40.2325, 34.8806, 24.6912



83.1294, 83.4246, 82.5269



43.9937, 32.8110, 55.5160



17.5379, 17.4995, 17.1055



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.



40.2325, 34.8806, 24.6912



57.8951, 47.5562, 29.1049



47.4910, 49.3975, 27.1107



11.9906, 12.1720, 12.3295



16.7412, 9.4154, 0.9350



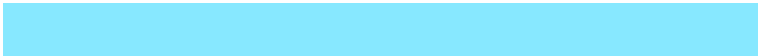
0.9919, 0.6381, 0.0709

Inverse Universe

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



39.6762, 47.7468, 68.0977



56.8913, 70.0344, 105.1272



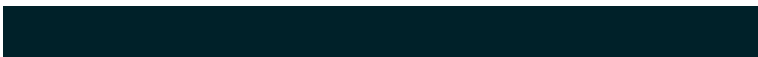
31.8232, 32.0408, 65.4800



11.9566, 13.0034, 15.1234



15.8785, 20.4036, 40.2939



0.9387, 1.2427, 2.2700

Previews

White Background



This preview shows how the XYZ color 40.2316, 34.8789, 24.6905 looks on a white background.

Color Contrast Check

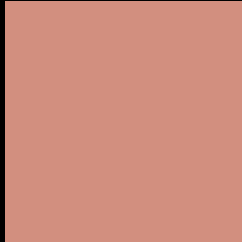
Large Text (above 18pt) WCAG AA × Fail

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 40.2316, 34.8789, 24.6905 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

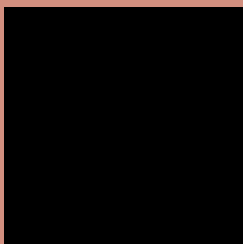
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 40.2316, 34.8789, 24.6905

Background



This preview shows how black text looks on a background with the XYZ color 40.2316, 34.8789, 24.6905.



This preview shows how white text looks on a background with the XYZ color 40.2316, 34.8789,

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

40.2316, 34.8789, 24.6905

Protanopia

32.9198, 34.8704, 27.9173

Deuteranopia

35.5864, 34.8279, 24.2489



Tritanopia

42.0345, 34.9552, 33.3857

Trichromacy



Original Color

40.2316, 34.8789, 24.6905

Protanomaly

35.0845, 34.5157, 26.6428

Deuteranomaly

37.0190, 34.6034, 24.4667

Tritanomaly

41.2713, 34.8516, 30.1430

Monochromacy



Original Color

40.2316, 34.8789, 24.6905

Achromatopsia

33.8758, 35.6400, 38.8120

Achromatomaly

35.5708, 34.8648, 33.2886

CSS Examples

Text

The CSS property to change the color of the text to XYZ 40.2316, 34.8789, 24.6905 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(210, 143, 127)` looks like.

```
.text, #text, p{  
    color:rgb(210, 143, 127)  
}
```

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(210, 143, 127) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(210, 143, 127) }
```

Border

The CSS property to change the border of an element to XYZ 40.2316, 34.8789, 24.6905 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(210, 143, 127) }
```


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

```
.border{ border-color:rgb(210, 143, 127) }
```

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

Here you see how a box with a 4 pixel `rgb(210, 143, 127)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(210, 143, 127); -webkit-box-  
shadow:4px 4px 4px 4px rgb(210, 143, 127);  
box-shadow:4px 4px 4px 4px rgb(210, 143,  
127) }
```

Background

The CSS property to change the background color of an element to XYZ 40.2316, 34.8789, 24.6905 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(210, 143, 127) }
```

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

```
.background{ background-color: rgb(210,  
143, 127) }
```

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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