

Converting Colors

XYZ(40.1535, 37.9138, 30.5257)

Have a look what the booklet for
XYZ(40.1535, 37.9138, 30.5257)
contains.

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Color

**XYZ(40.1534, 38.0428,
30.4260)**

Conversions

Conversions Part 1

Format	Color
Hex	C69D8D
RGB	198, 157, 141
RGB Percent	78%, 62%, 55%
CMY	0.2235, 0.3843, 0.4471
CMYK	0.00, 0.21, 0.29, 0.22
HSL	17°, 33%, 66%
HSV	17°, 29%, 78%
XYZ	40.1534, 38.0428, 30.4260
YIQ	167.4350, 29.5720, 3.7160

Conversions

Conversions Part 2

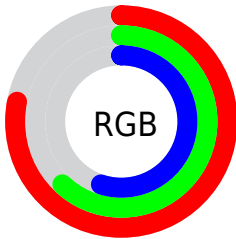
Format	Color
RYB	198, 163, 141
Decimal	13016461
CIELab	68.05, 12.88, 14.16
CIElCh	68, 19.143, 47.717
Yxy	38.0428, 0.3697, 0.3502
Android (android.graphics.Color)	4291206541 (0xFFC69D8D)
YUV	167.4350, -13.0325, 26.8055
Hunter-Lab	61.6788, 8.2669, 13.9276

Details

The XYZ color **40.1534, 38.0428, 30.4260** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **37.9050, 43.1945, 59.7658**, and the grayscale version is **36.9952, 38.9218, 42.3859**.

A 20% lighter version of the original color is **74.6338, 72.2871, 61.6489**, and **18.3701, 16.9030, 12.1919** is the 20% darker color. If you saturate the color by 10%, you get **36.5394, 32.9654, 22.5911**, and if you desaturate by 10%, it is **44.3137, 43.7908, 39.7433**.

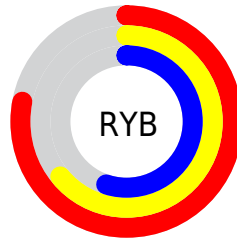
Distribution



Red (78%)

Green (62%)

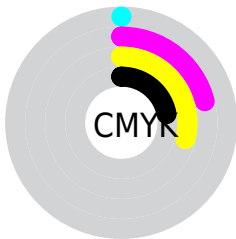
Blue (55%)



Red (78%)

Yellow (64%)

Blue (55%)

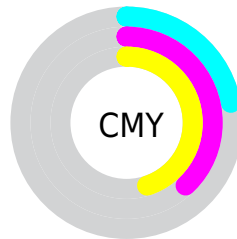


Cyan (0%)

Magenta (21%)

Yellow (29%)

Black (22%)



Cyan (22%)


Magenta (38%)


Yellow (45%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 40.1534, 38.0428, 30.4260 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 40.1534, 38.0428, 30.4260 by changing the saturation by 10% instead.


 40.1534, 38.0428,
30.4260


 40.1534, 38.0428,
30.4260


337.8930,
337.8035, 318.1540


 27.8429, 26.0159,
19.9074


 74.6799, 72.1737,
61.4042

 18.3471, 16.8355,
12.1443


 97.6266, 95.0466,
82.7008

 11.3007, 10.1173,
6.7183


 124.8495,
122.3035, 108.4271

 6.3382, 5.4768,
3.2108

156.7138,
154.3289, 139.0018

 3.0944, 2.5296,
1.2033

193.5850,
191.5073, 174.8433

 1.2039, 0.8914,
0.0000

235.8283,

 0.1094, 0.0000,

234.2229, 216.3701

0.0000

283.8092,
282.8602, 264.0008

■ 0.0000, 0.0000,
0.0000

■ 40.1534, 38.0428,
30.4260

■ 40.1534, 38.0428,
30.4260

■ 36.5394, 32.9654,
22.5911

■ 44.3137, 43.7908,
39.7433

■ 33.4451, 28.5286,
16.1591

■ 49.0393, 50.2275,
50.6121

■ 30.8459, 24.7075,
11.0466

■ 54.3522, 57.3770,
63.1001

■ 28.7140, 21.4738,
7.1603

■ 60.2722, 65.2607,
77.2700

■ 27.0187, 18.7969,
4.3947

■ 66.8180, 73.8988,
93.1814

■ 25.7246, 16.6426,
2.6258

■ 73.2248, 82.9979,
106.7686

■ 24.7809, 14.9690,
1.6522

■ 77.0988, 90.7458,
108.0599

■ 24.6833, 14.7948,
1.5547

Harmonies

Analogous

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



41.8977, 38.0428, 36.6248



40.1534, 38.0428, 30.4260



37.3916, 38.0428, 27.3641

Triad

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



40.1534, 38.0428, 30.4260



30.8423, 38.0428, 38.0274



37.9310, 38.0428, 59.1085

Complementary

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



40.1534, 38.0428, 30.4260



37.9050, 43.1945, 59.7658

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.



34.9529, 38.0428, 59.6206



40.1534, 38.0428, 30.4260



30.9690, 38.0428, 46.6211

Square

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



40.1534, 38.0428, 30.4260



32.0817, 38.0428, 31.3308



32.4378, 38.0428, 54.7920



40.5669, 38.0428, 53.4764

Rectangle

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



40.1534, 38.0428, 30.4260



35.3943, 38.0428, 27.1922



32.4378, 38.0428, 54.7920



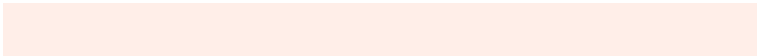
36.9337, 38.0428, 59.9105

Sweetspot

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



40.1544, 38.0446, 30.4268



86.5311, 88.5260, 88.9077



41.3403, 34.4665, 49.1648



18.2440, 18.5725, 18.3866



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.



40.1544, 38.0446, 30.4268



66.6892, 61.1823, 44.2507



45.3830, 48.5017, 32.1696



10.8723, 11.1138, 11.1349



16.1153, 9.7478, 1.0321



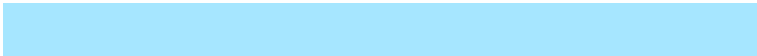
0.8259, 0.5873, 0.0698

Inverse Universe

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



37.9050, 43.1945, 59.7658



62.0039, 71.8608, 105.2103



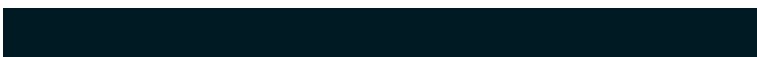
32.7832, 32.9508, 58.0585



10.6853, 11.5447, 13.5827



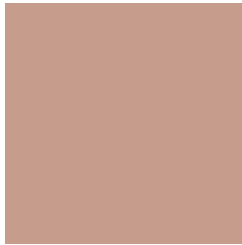
13.0342, 15.4624, 37.0419



0.6761, 0.8501, 1.7736

Previews

White Background



This preview shows how the XYZ color 40.1534, 38.0428, 30.4260 looks on a white background.

Color Contrast Check

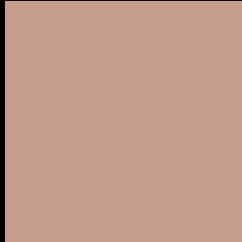
Large Text (above 18pt) WCAG AA × Fail

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 40.1534, 38.0428, 30.4260 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

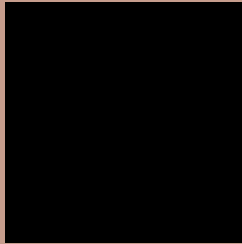
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 40.1534, 38.0428, 30.4260

Background



This preview shows how black text looks on a background with the XYZ color 40.1534, 38.0428, 30.4260.



This preview shows how white text looks on a background with the XYZ color 40.1534, 38.0428,

30.4260.

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

40.1534, 38.0428, 30.4260

Protanopia

36.2026, 38.3154, 32.2756

Deuteranopia

38.7903, 38.1114, 30.1227



Tritanopia

42.2702, 37.9166, 40.6881

Trichromacy



Original Color

40.1534, 38.0428, 30.4260

Protanomaly

37.6597, 38.2753, 31.7885

Deuteranomaly

39.3799, 38.1591, 30.1008

Tritanomaly

41.3758, 37.7909, 36.5661

Monochromacy



Original Color

40.1534, 38.0428, 30.4260

Achromatopsia

36.7301, 38.6429, 42.0822

Achromatomaly

37.6288, 38.1280, 37.7239

CSS Examples

Text

The CSS property to change the color of the text to XYZ 40.1534, 38.0428, 30.4260 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(198, 157, 141)` looks like.

```
.text, #text, p{  
    color:rgb(198, 157, 141)  
}
```

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(198, 157, 141) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 157, 141) }
```

Border

The CSS property to change the border of an element to XYZ 40.1534, 38.0428, 30.4260 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(198, 157, 141) }
```


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

```
.border{ border-color:rgb(198, 157, 141) }
```

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

Here you see how a box with a 4 pixel `rgb(198, 157, 141)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(198, 157, 141); -webkit-box-  
shadow:4px 4px 4px 4px rgb(198, 157, 141);  
box-shadow:4px 4px 4px 4px rgb(198, 157,  
141) }
```

Background

The CSS property to change the background color of an element to XYZ 40.1534, 38.0428, 30.4260 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(198, 157, 141) }
```

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

```
.background{ background-color: rgb(198,  
157, 141) }
```

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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