

Converting Colors

XYZ(40.2291, 38.4817, 32.5918)

Have a look what the booklet for
XYZ(40.2291, 38.4817, 32.5918)
contains.

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Color

**XYZ(40.3514, 38.6074,
32.5193)**

Conversions

Conversions Part 1

Format	Color
Hex	C49F92
RGB	196, 159, 146
RGB Percent	77%, 62%, 57%
CMY	0.2314, 0.3765, 0.4274
CMYK	0.00, 0.19, 0.26, 0.23
HSL	16°, 30%, 67%
HSV	16°, 26%, 77%
XYZ	40.3514, 38.6074, 32.5193
YIQ	168.5810, 26.2250, 3.8010

Conversions

Conversions Part 2

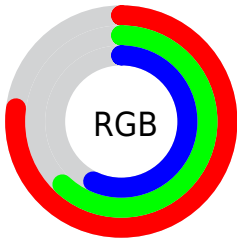
Format	Color
RYB	196, 164, 146
Decimal	12885906
CIELab	68.47, 11.71, 11.94
CIELCh	68, 16.727, 45.563
Yxy	38.6074, 0.3620, 0.3463
Android (android.graphics.Color)	4291075986 (0xFFC49F92)
YUV	168.5810, -11.1324, 24.0465
Hunter-Lab	62.1349, 7.1849, 12.4640

Details

The XYZ color **40.3514, 38.6074, 32.5193** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **38.7508, 43.9621, 58.6679**, and the grayscale version is **37.5502, 39.5057, 43.0217**.

A 20% lighter version of the original color is **74.9799, 73.1459, 64.8103**, and **18.4584, 17.2324, 13.4196** is the 20% darker color. If you saturate the color by 10%, you get **36.6064, 33.3517, 24.3828**, and if you desaturate by 10%, it is **44.6525, 44.5565, 42.1317**.

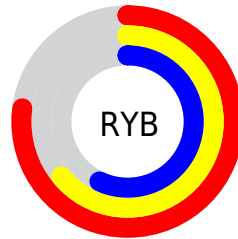
Distribution



Red (77%)

Green (62%)

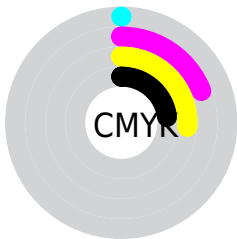
Blue (57%)



Red (77%)

Yellow (64%)

Blue (57%)

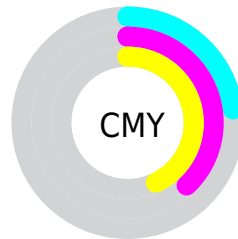


Cyan (0%)

Magenta (19%)

Yellow (26%)

Black (23%)



Cyan (23%)

Magenta (38%)


Yellow (43%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 40.3514, 38.6074, 32.5193 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 40.3514, 38.6074, 32.5193 by changing the saturation by 10% instead.


 40.3514, 38.6074,
32.5193


 40.3514, 38.6074,
32.5193


338.7115,
340.2184, 328.0434

 27.9981, 26.4544,
21.4904


 74.9793, 73.0382,
64.7316

 18.4646, 17.1639,
13.2882


 97.9845, 96.0848,
86.7521

 11.3858, 10.3514,
7.4942


125.2711,
123.5314, 113.2735

 6.3962, 5.6326,
3.6900

157.2043,
155.7624, 144.7144

 3.1304, 2.6230,
1.4569

194.1497,
193.1622, 181.4933

 1.2231, 0.9382,
0.1855

236.4724,

 0.1245, 0.0000,

236.1153, 224.0287

0.0000

284.5379,
285.0059, 272.7393

■ 0.0000, 0.0000,
0.0000

■ 40.3514, 38.6074,
32.5193

■ 40.3514, 38.6074,
32.5193

■ 36.6064, 33.3517,
24.3828

■ 44.6525, 44.5565,
42.1317

■ 33.3911, 28.7585,
17.6461

■ 49.5286, 51.2177,
53.2859

■ 30.6812, 24.8025,
12.2302

■ 55.0014, 58.6158,
66.0470

■ 28.4495, 21.4548,
8.0469

■ 61.0907, 66.7727,
80.4752

■ 26.6658, 18.6838,
4.9973

■ 67.8152, 75.7092,
96.6281

■ 25.2962, 16.4551,
2.9668

■ 73.7767, 84.8791,
107.1026

■ 24.3006, 14.7299,
1.8151

■ 76.5750, 90.4758,
108.0354

■ 23.9478, 14.1014,
1.4597

Harmonies

Analogous

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



41.7864, 38.6074, 38.2692



40.3514, 38.6074, 32.5193



37.9707, 38.6074, 29.5117

Triad

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



40.3514, 38.6074, 32.5193



32.0118, 38.6074, 38.5279



38.0689, 38.6074, 57.5919

Complementary

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



40.3514, 38.6074, 32.5193



38.7508, 43.9621, 58.6679

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.



35.4486, 38.6074, 57.6828



40.3514, 38.6074, 32.5193



32.0353, 38.6074, 46.0441

Square

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



40.3514, 38.6074, 32.5193



33.2010, 38.6074, 32.6891



33.2668, 38.6074, 53.2509



40.4263, 38.6074, 53.0157

Rectangle

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



40.3514, 38.6074, 32.5193



36.2071, 38.6074, 29.2053



33.2668, 38.6074, 53.2509



37.1876, 38.6074, 58.1647

Sweetspot

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



40.3524, 38.6092, 32.5201



87.3100, 89.4997, 90.9681



41.6435, 35.7337, 49.7758



18.3934, 18.7550, 18.7950



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.



40.3524, 38.6092, 32.5201



68.9266, 64.1028, 49.7886



44.9903, 47.8850, 34.0661



10.2815, 10.4944, 10.5456



15.4478, 9.1813, 0.9580



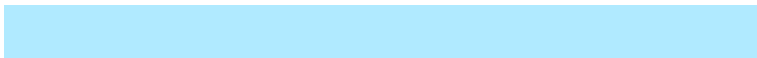
0.7256, 0.5130, 0.0608

Inverse Universe

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



38.7508, 43.9621, 58.6679



65.4916, 75.5410, 105.7368



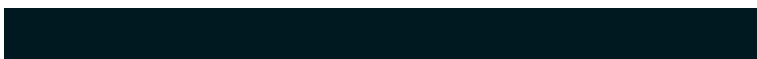
34.1306, 34.7216, 57.1278



10.1397, 10.9707, 12.8680



12.9833, 15.7230, 35.9072



0.6143, 0.7859, 1.5692

Previews

White Background



This preview shows how the XYZ color 40.3514, 38.6074, 32.5193 looks on a white background.

Color Contrast Check

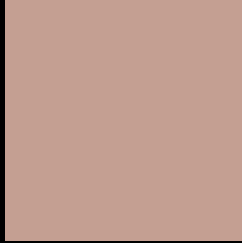
Large Text (above 18pt) WCAG AA × Fail

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 40.3514, 38.6074, 32.5193 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

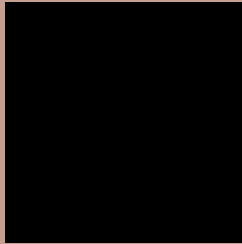
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 40.3514, 38.6074, 32.5193

Background



This preview shows how black text looks on a background with the XYZ color 40.3514, 38.6074, 32.5193.



This preview shows how white text looks on a background with the XYZ color 40.3514, 38.6074,

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

40.3514, 38.6074, 32.5193

Protanopia

36.7793, 38.8381, 34.4122

Deuteranopia

39.4190, 38.6414, 32.5751



Tritanopia

42.5095, 38.7462, 42.2841

Trichromacy



Original Color

40.3514, 38.6074, 32.5193

Protanomaly

37.9917, 38.6659, 33.8947

Deuteranomaly

39.7514, 38.5544, 32.5407

Tritanomaly

41.6908, 38.6578, 38.5221

Monochromacy



Original Color

40.3514, 38.6074, 32.5193

Achromatopsia

37.7116, 39.6755, 43.2066

Achromatomaly

38.4786, 39.0672, 39.2309

CSS Examples

Text

The CSS property to change the color of the text to XYZ 40.3514, 38.6074, 32.5193 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(196, 159, 146)` looks like.

```
.text, #text, p{  
    color:rgb(196, 159, 146)  
}
```

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(196, 159, 146) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(196, 159, 146) }
```

Border

The CSS property to change the border of an element to XYZ 40.3514, 38.6074, 32.5193 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(196, 159, 146) }
```


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

```
.border{ border-color:rgb(196, 159, 146) }
```

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

Here you see how a box with a 4 pixel `rgb(196, 159, 146)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(196, 159, 146); -webkit-box-  
shadow:4px 4px 4px 4px rgb(196, 159, 146);  
box-shadow:4px 4px 4px 4px rgb(196, 159,  
146) }
```

Background

The CSS property to change the background color of an element to XYZ 40.3514, 38.6074, 32.5193 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(196, 159, 146) }
```

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

```
.background{ background-color: rgb(196,  
159, 146) }
```

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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