

Converting Colors

XYZ(38.7469, 36.7086, 24.1121)

Have a look what the booklet for
XYZ(38.7469, 36.7086, 24.1121)
contains.

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Color

**XYZ(38.7469, 36.7086,
24.1121)**

Conversions

Conversions Part 1

Format	Color
Hex	C79A7C
RGB	199, 154, 124
RGB Percent	78%, 60%, 49%
CMY	0.2196, 0.3961, 0.5137
CMYK	0.00, 0.23, 0.38, 0.22
HSL	24°, 40%, 63%
HSV	24°, 38%, 78%
XYZ	38.7469, 36.7086, 24.1121
YIQ	164.0350, 36.4500, 0.2100

Conversions

Conversions Part 2

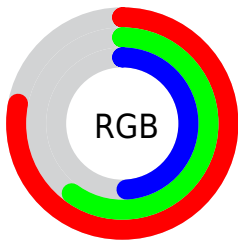
Format	Color
R _Y B	199, 174, 124
Decimal	13081212
CIE Lab	67.06, 12.73, 22.20
CIE LCh	67, 25.594, 60.167
Yxy	36.7086, 0.3892, 0.3687
Android (android.graphics.Color)	4291271292 (0xFFC79A7C)
YUV	164.0350, -19.7373, 30.6643
Hunter-Lab	60.5876, 8.1257, 18.8157

Details

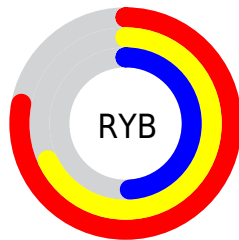
The XYZ color **38.7469, 36.7086, 24.1121** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **32.8084, 36.7832, 59.4035**, and the grayscale version is **35.3829, 37.2256, 40.5387**.

A 20% lighter version of the original color is **71.7317, 69.5461, 51.2380**, and **17.4479, 16.0481, 8.8346** is the 20% darker color. If you saturate the color by 10%, you get **35.7399, 32.5094, 17.5150**, and if you desaturate by 10%, it is **42.2057, 41.4048, 32.1135**.

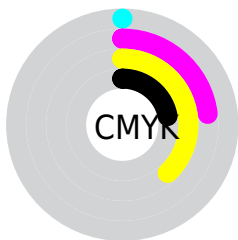
Distribution



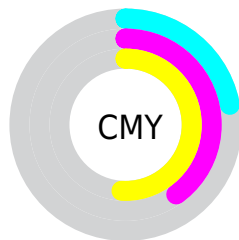
- Red (78%)
- Green (60%)
- Blue (49%)



- Red (78%)
- Yellow (68%)
- Blue (49%)



- Cyan (0%)
- Magenta (23%)
- Yellow (38%)
- Black (22%)





- Cyan (22%)
- Magenta (40%)
- Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 38.7469, 36.7086, 24.1121 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 38.7469, 36.7086, 24.1121 by changing the saturation by 10% instead.


 38.7469, 36.7086,
24.1121


 38.7469, 36.7086,
24.1121

332.0389,
332.0472, 286.6915


 26.7427, 24.9820,
15.2038


 72.5481, 70.1244,
51.1592

 17.5157, 16.0636,
8.8144


 95.0758, 92.5823,
70.1351

 10.7004, 9.5692,
4.5251

 121.8420,
119.3861, 93.3040

 5.9316, 5.1143,
1.9176

153.2121,
150.9202, 121.0843

 2.8438, 2.3145,
0.5039

189.5516,
187.5690, 153.8947

 1.0717, 0.7813,
0.0000

231.2256,

 0.0012, 0.0000,

229.7168, 192.1537

0.0000

278.5996,
277.7481, 236.2798

0.0000, 0.0000,
0.0000

38.7469, 36.7086,
24.1121

38.7469, 36.7086,
24.1121

35.7399, 32.5094,
17.5150

42.2057, 41.4048,
32.1135

33.1609, 28.7846,
12.2372

46.1332, 46.6095,
41.5931

30.9879, 25.5171,
8.1876


50.5485, 52.3400,
52.6219


29.1952, 22.6867,
5.2628


55.4689, 58.6114,
65.2660

27.7537, 20.2710,
3.3417


60.9107, 65.4380,
79.5875


 26.6238, 18.2431,
2.2502

 66.8896, 72.8336,
95.6450

 26.3935, 17.8227,
2.0490

 72.0547, 80.2652,
106.3028

 75.6385, 87.4328,
107.4974

 77.3632, 90.8821,
108.0723

Harmonies

Analogous

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



41.7680, 36.7086, 30.1382



38.7469, 36.7086, 24.1121



34.8686, 36.7086, 22.1409

Triad

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



38.7469, 36.7086, 24.1121



27.9297, 36.7086, 40.0321



38.7875, 36.7086, 61.5079

Complementary

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



38.7469, 36.7086, 24.1121



32.8084, 36.7832, 59.4035

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.



34.9123, 36.7086, 65.4583



38.7469, 36.7086, 24.1121



28.8126, 36.7086, 51.7351

Square

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



38.7469, 36.7086, 24.1121



28.7933, 36.7086, 30.2282



31.2987, 36.7086, 61.5914



41.7926, 36.7086, 51.6064

Rectangle

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



38.7469, 36.7086, 24.1121



32.3736, 36.7086, 23.0389



31.2987, 36.7086, 61.5914



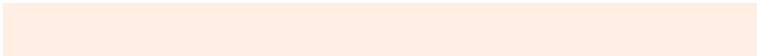
37.5344, 36.7086, 63.6498

Sweetspot

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



38.7478, 36.7103, 24.1128



85.7228, 88.0524, 85.1146



37.9225, 29.4224, 41.2167



18.1184, 18.5491, 17.6427



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.



38.7478, 36.7103, 24.1128



63.5840, 58.3448, 32.8181



45.9314, 51.0775, 26.5074



10.9763, 11.3217, 11.1696



17.0522, 11.6216, 1.3444



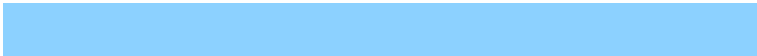
0.8780, 0.6914, 0.0872

Inverse Universe

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



32.8084, 36.7832, 59.4035



51.7307, 58.4639, 103.1659



26.8050, 24.7763, 57.4023



10.5770, 11.3280, 13.5465



10.9881, 11.3701, 36.3599



0.5898, 0.6774, 1.7448

Previews

White Background



This preview shows how the XYZ color 38.7469, 36.7086, 24.1121 looks on a white background.

Color Contrast Check

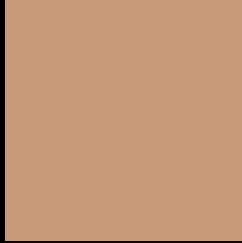
Large Text (above 18pt) WCAG AA × Fail

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 38.7469, 36.7086, 24.1121 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 38.7469, 36.7086, 24.1121

Background



This preview shows how black text looks on a background with the XYZ color 38.7469, 36.7086, 24.1121.



This preview shows how white text looks on a background with the XYZ color 38.7469, 36.7086,

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

38.7469, 36.7086, 24.1121

Protanopia

34.4490, 36.7516, 25.7002

Deuteranopia

37.3703, 36.7505, 23.8628



Tritanopia

41.7212, 36.7295, 38.1483

Trichromacy



Original Color

38.7469, 36.7086, 24.1121

Protanomaly

35.9300, 36.7412, 25.2767

Deuteranomaly

37.9693, 36.8091, 23.8426

Tritanomaly

40.6902, 36.7964, 32.5616

Monochromacy



Original Color

38.7469, 36.7086, 24.1121

Achromatopsia

35.2861, 37.1238, 40.4278

Achromatomaly

36.1271, 36.6586, 33.6055

CSS Examples

Text

The CSS property to change the color of the text to XYZ 38.7469, 36.7086, 24.1121 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(199, 154, 124)` looks like.

```
.text, #text, p{  
    color:rgb(199, 154, 124)  
}
```

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(199, 154, 124) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(199, 154, 124) }
```

Border

The CSS property to change the border of an element to XYZ 38.7469, 36.7086, 24.1121 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(199, 154, 124) }
```


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

```
.border{ border-color:rgb(199, 154, 124) }
```

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

Here you see how a box with a 4 pixel `rgb(199, 154, 124)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(199, 154, 124); -webkit-box-  
shadow:4px 4px 4px 4px rgb(199, 154, 124);  
box-shadow:4px 4px 4px 4px rgb(199, 154,  
124) }
```

Background

The CSS property to change the background color of an element to XYZ 38.7469, 36.7086, 24.1121 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(199, 154, 124) }
```

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

```
.background{ background-color: rgb(199,  
154, 124) }
```

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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