

Converting Colors

XYZ(39.1272, 37.6708, 24.8813)

Have a look what the booklet for
XYZ(39.1272, 37.6708, 24.8813)
contains.

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Color

**XYZ(39.1116, 37.6261,
24.9398)**

Conversions

Conversions Part 1

Format	Color
Hex	C69D7E
RGB	198, 157, 126
RGB Percent	78%, 62%, 49%
CMY	0.2235, 0.3843, 0.5059
CMYK	0.00, 0.21, 0.36, 0.22
HSL	26°, 39%, 64%
HSV	26°, 36%, 78%
XYZ	39.1116, 37.6261, 24.9398
YIQ	165.7250, 34.3870, -0.9490

Conversions

Conversions Part 2

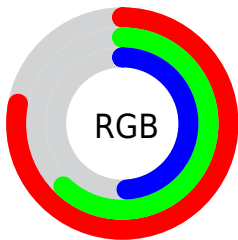
Format	Color
RYB	198, 180, 126
Decimal	13016446
CIELab	67.74, 10.93, 22.02
CIElCh	68, 24.582, 63.591
Yxy	37.6261, 0.3847, 0.3701
Android (android.graphics.Color)	4291206526 (0xFFC69D7E)
YUV	165.7250, -19.5844, 28.3052
Hunter-Lab	61.3401, 6.4697, 18.8318

Details

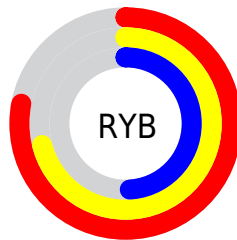
The XYZ color **39.1116, 37.6261, 24.9398** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **32.6155, 36.1490, 58.6846**, and the grayscale version is **36.1935, 38.0783, 41.4673**.

A 20% lighter version of the original color is **72.9202, 71.6016, 52.6250**, and **17.8213, 16.6835, 9.3021** is the 20% darker color. If you saturate the color by 10%, you get **36.1383, 33.5256, 18.2570**, and if you desaturate by 10%, it is **42.5158, 42.1833, 33.0145**.

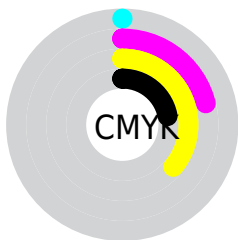
Distribution



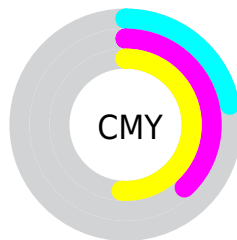
- Red (78%)
- Green (62%)
- Blue (49%)



- Red (78%)
- Yellow (71%)
- Blue (49%)



- Cyan (0%)
- Magenta (21%)
- Yellow (36%)
- Black (22%)





- Cyan (22%)
- Magenta (38%)
- Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 39.1116, 37.6261, 24.9398 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 39.1116, 37.6261, 24.9398 by changing the saturation by 10% instead.


 39.1116, 37.6261,
24.9398


 39.1116, 37.6261,
24.9398


333.5637,
336.0133, 290.9761

 27.0277, 25.6926,
15.8136


 73.1018, 71.5347,
52.5225

 17.7307, 16.5938,
9.2394


 95.7387, 94.2786,
71.8160

 10.8553, 9.9453,
4.7987


 122.6240,
121.3947, 95.3357

 6.0362, 5.3627,
2.0730

154.1231,
153.2676, 123.5002

 2.9080, 2.4616,
0.5996

190.6012,
190.2814, 156.7279

 1.1053, 0.8573,
0.0000

232.4238,

 0.0295, 0.0000,

232.8208, 195.4374

0.0000

279.9562,
281.2699, 240.0473

■ 0.0000, 0.0000,
0.0000

■ 39.1116, 37.6261,
24.9398

■ 39.1116, 37.6261,
24.9398

■ 36.1383, 33.5256,
18.2570

■ 42.5158, 42.1833,
33.0145

■ 33.5731, 29.8611,
12.8834

■ 46.3663, 47.2066,
42.5530

■ 31.3957, 26.6178,
8.7307


■ 50.6811, 52.7116,
53.6246


■ 29.5821, 23.7779,
5.6988


■ 55.4766, 58.7115,
66.2937

■ 28.1050, 21.3218,
3.6712

■ 60.7680, 65.2191,
80.6209


 26.9308, 19.2268,
2.4985

 66.5700, 72.2465,
96.6637

 26.5579, 18.5441,
2.1796

 71.3117, 79.1717,
106.1309

 74.6594, 85.8670,
107.2468

 77.0987, 90.7458,
108.0599

Harmonies

Analogous

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



42.2005, 37.6261, 30.4478



39.1116, 37.6261, 24.9398



35.3068, 37.6261, 23.4322

Triad

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



39.1116, 37.6261, 24.9398



28.9549, 37.6261, 42.2930



39.9590, 37.6261, 60.9878

Complementary

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



39.1116, 37.6261, 24.9398



32.6155, 36.1490, 58.6846

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.



36.2220, 37.6261, 65.6016



39.1116, 37.6261, 24.9398



30.0150, 37.6261, 53.6699

Square

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



39.1116, 37.6261, 24.9398



29.6096, 37.6261, 32.3485



32.6102, 37.6261, 62.7125



42.7136, 37.6261, 50.9979

Rectangle

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



39.1116, 37.6261, 24.9398



32.9174, 37.6261, 24.6287



32.6102, 37.6261, 62.7125



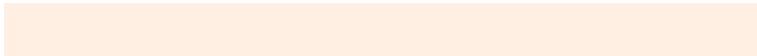
38.7669, 37.6261, 63.2920

Sweetspot

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



39.1126, 37.6279, 24.9406



85.9732, 88.5532, 85.1981



37.8177, 29.7550, 40.7962



18.1780, 18.6681, 17.6625



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.



39.1126, 37.6279, 24.9406



64.8387, 60.5490, 34.1770



45.9044, 51.2115, 27.2045



11.0032, 11.3755, 11.1785



17.3527, 12.2227, 1.4446



0.8933, 0.7220, 0.0923

Inverse Universe

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



32.6155, 36.1490, 58.6846



51.5796, 57.5149, 102.9907



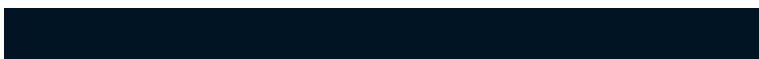
27.0489, 25.0158, 56.8291



10.5495, 11.2730, 13.5374



10.5364, 10.4668, 36.2093



0.5698, 0.6375, 1.7382

Previews

White Background



This preview shows how the XYZ color 39.1116, 37.6261, 24.9398 looks on a white background.

Color Contrast Check

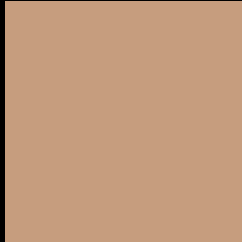
Large Text (above 18pt) WCAG AA × Fail

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 39.1116, 37.6261, 24.9398 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

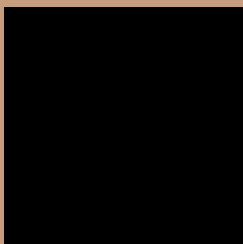
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

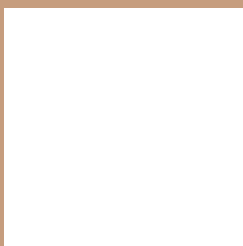
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 39.1116, 37.6261, 24.9398

Background



This preview shows how black text looks on a background with the XYZ color 39.1116, 37.6261, 24.9398.



This preview shows how white text looks on a background with the XYZ color 39.1116, 37.6261,

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

39.1116, 37.6261, 24.9398

Protanopia

35.3889, 37.7521, 26.5408

Deuteranopia

38.4122, 37.7720, 25.0048



Tritanopia

42.2862, 37.6934, 40.1688

Trichromacy



Original Color

39.1116, 37.6261, 24.9398

Protanomaly

36.6499, 37.6160, 26.0978

Deuteranomaly

38.4984, 37.5622, 24.9598

Tritanomaly

41.1480, 37.7307, 33.9682

Monochromacy



Original Color

39.1116, 37.6261, 24.9398

Achromatopsia

36.2450, 38.1326, 41.5264

Achromatomaly

37.0432, 37.8937, 34.6400

CSS Examples

Text

The CSS property to change the color of the text to XYZ 39.1116, 37.6261, 24.9398 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, 126)` looks like.

```
.text, #text, p{  
    color:rgb(198, 157, 126)  
}
```

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, 126) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 157, 126) }
```

Border

The CSS property to change the border of an element to XYZ 39.1116, 37.6261, 24.9398 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, 126) }
```


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

```
.border{ border-color:rgb(198, 157, 126) }
```

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, 126)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(198, 157, 126); -webkit-box-  
shadow:4px 4px 4px 4px rgb(198, 157, 126);  
box-shadow:4px 4px 4px 4px rgb(198, 157,  
126) }
```

Background

The CSS property to change the background color of an element to XYZ 39.1116, 37.6261, 24.9398 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, 126) }
```

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

```
.background{ background-color: rgb(198,  
157, 126) }
```

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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