

Converting Colors

XYZ(39.9188, 40.4337, 24.0347)

Have a look what the booklet for
XYZ(39.9188, 40.4337, 24.0347)
contains.

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Color

**XYZ(39.9140, 40.4133,
24.1092)**

Conversions

Conversions Part 1

Format	Color
Hex	C4A67A
RGB	196, 166, 122
RGB Percent	77%, 65%, 48%
CMY	0.2314, 0.3490, 0.5216
CMYK	0.00, 0.15, 0.38, 0.23
HSL	36°, 39%, 62%
HSV	36°, 38%, 77%
XYZ	39.9140, 40.4133, 24.1092
YIQ	169.9540, 32.0040, -7.3240

Conversions

Conversions Part 2

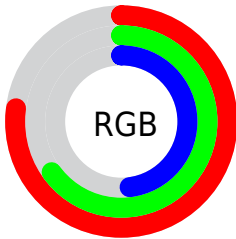
Format	Color
RYB	172, 196, 122
Decimal	12887674
CIELab	69.76, 4.76, 26.87
CIElCh	70, 27.289, 79.959
Yxy	40.4133, 0.3822, 0.3870
Android (android.graphics.Color)	4291077754 (0xFFC4A67A)
YUV	169.9540, -23.6413, 22.8423
Hunter-Lab	63.5715, 0.8230, 22.0145

Details

The XYZ color **39.9140, 40.4133, 24.1092** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **29.2178, 30.5786, 56.5869**, and the grayscale version is **38.2893, 40.2833, 43.8686**.

A 20% lighter version of the original color is **74.4674, 75.8789, 51.2787**, and **18.2044, 18.1784, 8.8526** is the 20% darker color. If you saturate the color by 10%, you get **37.4203, 37.1773, 17.8787**, and if you desaturate by 10%, it is **42.7439, 43.9295, 31.6610**.

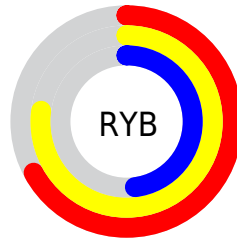
Distribution



Red (77%)

Green (65%)

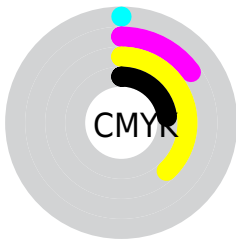
Blue (48%)



Red (67%)

Yellow (77%)

Blue (48%)

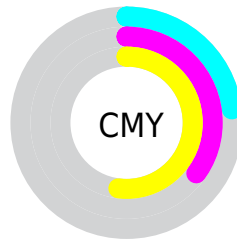


Cyan (0%)

Magenta (15%)

Yellow (38%)

Black (23%)



Cyan (23%)


Magenta (35%)


Yellow (52%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 39.9140, 40.4133, 24.1092 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 39.9140, 40.4133, 24.1092 by changing the saturation by 10% instead.


 39.9140, 40.4133,
24.1092


 39.9140, 40.4133,
24.1092


336.9016,
347.8625, 286.6764


 27.6554, 27.8609,
15.2017


 74.3177, 75.7925,
51.1544

 18.2052, 18.2209,
8.8129


 97.1935, 99.3880,
70.1292

 11.1980, 11.1087,
4.5242


 124.3392,
127.4335, 93.2968

 6.2684, 6.1400,
1.9171

156.1199,
160.3132, 121.0758

 3.0512, 2.9304,
0.5036

192.9012,
198.4116, 153.8847

 1.1809, 1.0955,
0.0000

235.0483,

 0.0912, 0.0000,

242.1130, 192.1421

0.0000

282.9267,
291.8018, 236.2665

■ 0.0000, 0.0000,
0.0000

■ 39.9140, 40.4133,
24.1092

■ 39.9140, 40.4133,
24.1092

■ 37.4203, 37.1773,
17.8787

■ 42.7439, 43.9295,
31.6610

■ 35.2434, 34.2068,
12.8885

■ 45.9221, 47.7288,
40.6037

■ 33.3662, 31.4937,
9.0525

■ 49.4638, 51.8212,
51.0049

■ 31.7685, 29.0273,
6.2722

■ 53.3821, 56.2143,
62.9269

■ 30.4267, 26.7954,
4.4326

■ 57.6895, 60.9154,
76.4285

■ 29.3072, 24.7816,
3.3651

■ 62.3981, 65.9315,
91.5654

■ 29.0742, 24.3542,
3.1685

■ 66.8350, 70.9959,
104.7887

■ 68.9904, 75.3067,
105.5072

■ 71.2465, 79.8188,
106.2592

Harmonies

Analogous

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



44.1483, 40.4133, 27.8628



39.9140, 40.4133, 24.1092



35.5805, 40.4133, 24.8465

Triad

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



39.9140, 40.4133, 24.1092



30.9578, 40.4133, 52.8541



45.2992, 40.4133, 61.6111

Complementary

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



39.9140, 40.4133, 24.1092



29.2178, 30.5786, 56.5869

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.



41.3891, 40.4133, 71.1045



39.9140, 40.4133, 24.1092



33.1947, 40.4133, 65.4141

Square

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



39.9140, 40.4133, 24.1092



30.6293, 40.4133, 39.8907



36.9474, 40.4133, 72.6162



47.4117, 40.4133, 48.3891

Rectangle

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



39.9140, 40.4133, 24.1092



33.2032, 40.4133, 27.8462



36.9474, 40.4133, 72.6162



44.1381, 40.4133, 65.4435

Sweetspot

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



39.9150, 40.4152, 24.1100



87.3377, 91.2822, 85.6529



35.4608, 27.9496, 33.5911



18.5030, 19.3182, 17.7709



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.



39.9150, 40.4152, 24.1100



68.6667, 68.5102, 34.5124



44.4465, 51.8107, 26.0708



10.5599, 11.0513, 10.6384



18.7677, 15.8212, 2.0646



0.8771, 0.8160, 0.1113

Inverse Universe

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



29.2178, 30.5786, 56.5869



46.6276, 48.2576, 101.4649



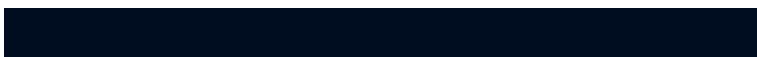
25.8509, 22.5072, 55.2064



9.8560, 10.4033, 12.7734



8.2993, 6.3551, 34.3459



0.4262, 0.4098, 1.5065

Previews

White Background



This preview shows how the XYZ color 39.9140, 40.4133, 24.1092 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 39.9140, 40.4133, 24.1092 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

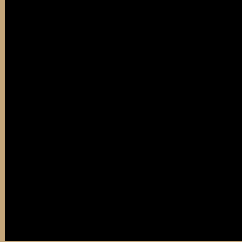
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 39.9140, 40.4133, 24.1092

Background



This preview shows how black text looks on a background with the XYZ color 39.9140, 40.4133, 24.1092.



This preview shows how white text looks on a background with the XYZ color 39.9140, 40.4133,

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

39.9140, 40.4133, 24.1092

Protanopia

37.5413, 40.2720, 24.8634

Deuteranopia

41.0295, 40.1810, 24.3321



Tritanopia

43.9319, 40.1923, 44.4722

Trichromacy



Original Color

39.9140, 40.4133, 24.1092

Protanomaly

38.5022, 40.4974, 24.5264

Deuteranomaly

40.6700, 40.2603, 24.3664

Tritanomaly

42.3063, 40.3159, 36.1238

Monochromacy



Original Color

39.9140, 40.4133, 24.1092

Achromatopsia

38.2080, 40.1978, 43.7754

Achromatomaly

38.5281, 40.2595, 35.8772

CSS Examples

Text

The CSS property to change the color of the text to XYZ 39.9140, 40.4133, 24.1092 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, 166, 122)` looks like.

```
.text, #text, p{  
    color:rgb(196, 166, 122)  
}
```

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, 166, 122) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(196, 166, 122) }
```

Border

The CSS property to change the border of an element to XYZ 39.9140, 40.4133, 24.1092 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, 166, 122) }
```


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

```
.border{ border-color:rgb(196, 166, 122) }
```

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

Here you see how a box with a 4 pixel `rgb(196, 166, 122)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(196, 166, 122); -webkit-box-  
shadow:4px 4px 4px 4px rgb(196, 166, 122);  
box-shadow:4px 4px 4px 4px rgb(196, 166,  
122) }
```

Background

The CSS property to change the background color of an element to XYZ 39.9140, 40.4133, 24.1092 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(196, 166, 122) }
```

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

```
.background{ background-color: rgb(196,  
166, 122) }
```

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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