

Converting Colors

XYZ(39.7373, 40.6249, 24.8164)

Have a look what the booklet for
XYZ(39.7373, 40.6249, 24.8164)
contains.

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Color

**XYZ(39.7049, 40.5620,
24.8054)**

Conversions

Conversions Part 1

Format	Color
Hex	C2A77C
RGB	194, 167, 124
RGB Percent	76%, 65%, 49%
CMY	0.2392, 0.3451, 0.5137
CMYK	0.00, 0.14, 0.36, 0.24
HSL	37°, 36%, 62%
HSV	37°, 36%, 76%
XYZ	39.7049, 40.5620, 24.8054
YIQ	170.1710, 29.8950, -7.6490

Conversions

Conversions Part 2

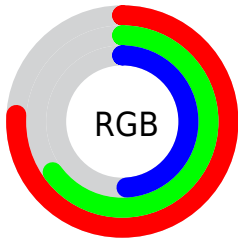
Format	Color
R_{YB}	168, 194, 124
Decimal	12756860
CIE Lab	69.87, 3.65, 25.90
CIE LCh	70, 26.155, 81.977
Yxy	40.5620, 0.3779, 0.3860
Android (android.graphics.Color)	4290946940 (0xFFC2A77C)
YUV	170.1710, -22.7623, 20.8980
Hunter-Lab	63.6883, -0.1731, 21.4895

Details

The XYZ color **39.7049, 40.5620, 24.8054** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **29.1160, 30.3123, 55.3551**, and the grayscale version is **38.3942, 40.3937, 43.9887**.

A 20% lighter version of the original color is **73.8407, 75.9261, 52.3584**, and **18.0482, 18.2584, 9.2296** is the 20% darker color. If you saturate the color by 10%, you get **37.2658, 37.4578, 18.5235**, and if you desaturate by 10%, it is **42.4667, 43.9252, 32.3866**.

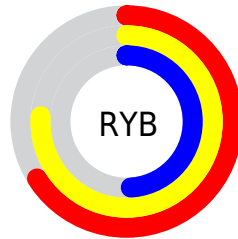
Distribution



Red (76%)

Green (65%)

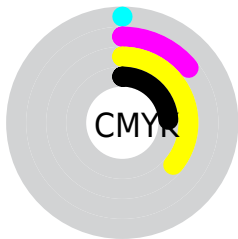
Blue (49%)



Red (66%)

Yellow (76%)

Blue (49%)

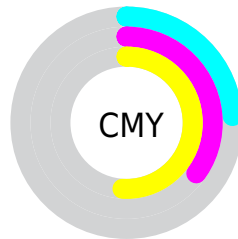


Cyan (0%)

Magenta (14%)

Yellow (36%)

Black (24%)



Cyan (24%)


Magenta (35%)


Yellow (51%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 39.7049, 40.5620, 24.8054 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 39.7049, 40.5620, 24.8054 by changing the saturation by 10% instead.


 39.7049, 40.5620,
24.8054


 39.7049, 40.5620,
24.8054


336.0340,
348.4867, 290.2840


 27.4917, 27.9770,
15.7144

 74.0011, 76.0185,
52.3015

 18.0814, 18.3083,
9.1701


 96.8149, 99.6589,
71.5438

 11.1085, 11.1716,
4.7540


 123.8929,
127.7531, 95.0069

 6.2077, 6.1824,
2.0475

155.6005,
160.6857, 123.1094

 3.0136, 2.9563,
0.5842

192.3031,
198.8409, 156.2698

 1.1610, 1.1090,
0.0000

234.3659,

 0.0752, 0.0000,

242.6032, 194.9067

0.0000

282.1544,
292.3570, 239.4386

■ 0.0000, 0.0000,
0.0000

■ 39.7049, 40.5620,
24.8054

■ 39.7049, 40.5620,
24.8054

■ 37.2658, 37.4578,
18.5235

■ 42.4667, 43.9252,
32.3866

■ 35.1308, 34.5985,
13.4630

■ 45.5626, 47.5494,
41.3338

■ 33.2840, 31.9770,
9.5416

■ 49.0070, 51.4441,
51.7121

■ 31.7060, 29.5835,
6.6656

■ 52.8123, 55.6161,
63.5816

■ 30.3751, 27.4067,
4.7261

■ 56.9906, 60.0722,
76.9991

■ 29.2635, 25.4334,
3.5851

■ 61.5531, 64.8188,
92.0183

■ 28.8668, 24.7068,
3.2474

■ 65.7279, 69.5489,
104.5678

■ 67.7283, 73.5497,
105.2346

■ 69.8176, 77.7284,
105.9310

Harmonies

Analogous

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



43.8096, 40.5620, 28.1730



39.7049, 40.5620, 24.8054



35.5744, 40.5620, 25.8209

Triad

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



39.7049, 40.5620, 24.8054



31.4597, 40.5620, 53.5169



45.3565, 40.5620, 60.2090

Complementary

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



39.7049, 40.5620, 24.8054



29.1160, 30.3123, 55.3551

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.



41.6933, 40.5620, 69.6213



39.7049, 40.5620, 24.8054



33.7346, 40.5620, 65.2896

Square

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



39.7049, 40.5620, 24.8054



31.0130, 40.5620, 40.9783



37.4235, 40.5620, 71.6340



47.2255, 40.5620, 47.5131

Rectangle

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



39.7049, 40.5620, 24.8054



33.3408, 40.5620, 28.9495



37.4235, 40.5620, 71.6340



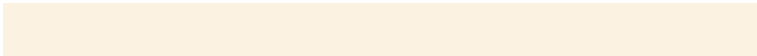
44.2818, 40.5620, 63.9514

Sweetspot

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



39.7059, 40.5639, 24.8062



85.5301, 89.5484, 83.7825



35.1235, 28.1521, 33.2888



18.5427, 19.3975, 17.7841



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.



39.7059, 40.5639, 24.8062



68.5258, 69.1733, 36.0842



43.4235, 50.6036, 26.5482



10.5767, 11.0848, 10.6440



19.0605, 16.4068, 2.1622



0.8887, 0.8391, 0.1151

Inverse Universe

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



29.1160, 30.3123, 55.3551



46.6340, 47.9936, 99.2756



26.3058, 23.1362, 54.1181



9.8397, 10.3707, 12.7680



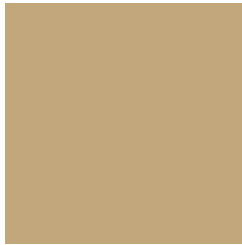
8.1223, 6.0012, 34.2869



0.4178, 0.3930, 1.5037

Previews

White Background



This preview shows how the XYZ color 39.7049, 40.5620, 24.8054 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 39.7049, 40.5620, 24.8054 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 39.7049, 40.5620, 24.8054

Background



This preview shows how black text looks on a background with the XYZ color 39.7049, 40.5620, 24.8054.



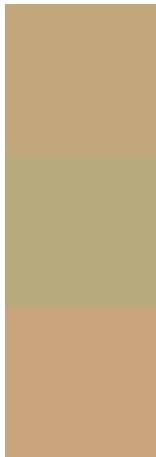
This preview shows how white text looks on a background with the XYZ color 39.7049, 40.5620,

24.8054.

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

39.7049, 40.5620, 24.8054

Protanopia

37.8572, 40.6995, 25.5992

Deuteranopia

41.3343, 40.5881, 25.0578



Tritanopia

43.8409, 40.6490, 45.0705

Trichromacy



Original Color

39.7049, 40.5620, 24.8054

Protanomaly

38.5699, 40.7949, 25.2434

Deuteranomaly

40.7100, 40.5330, 25.0800

Tritanomaly

42.0395, 40.4313, 36.5986

Monochromacy



Original Color

39.7049, 40.5620, 24.8054

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 39.7049, 40.5620, 24.8054 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(194, 167, 124)` looks like.

```
.text, #text, p{  
    color:rgb(194, 167, 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(194, 167, 124) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 167, 124) }
```

Border

The CSS property to change the border of an element to XYZ 39.7049, 40.5620, 24.8054 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(194, 167, 124) }
```


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

```
.border{ border-color:rgb(194, 167, 124) }
```

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

Here you see how a box with a 4 pixel `rgb(194, 167, 124)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(194, 167, 124); -webkit-box-  
shadow:4px 4px 4px 4px rgb(194, 167, 124);  
box-shadow:4px 4px 4px 4px rgb(194, 167,  
124) }
```

Background

The CSS property to change the background color of an element to XYZ 39.7049, 40.5620, 24.8054 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 167, 124) }
```

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

```
.background{ background-color: rgb(194,  
167, 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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