

Converting Colors

XYZ(39.7406, 40.5932, 24.4962)

Have a look what the booklet for
XYZ(39.7406, 40.5932, 24.4962)
contains.

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Color

**XYZ(39.6420, 40.5368,
24.4739)**

Conversions

Conversions Part 1

Format	Color
Hex	C2A77B
RGB	194, 167, 123
RGB Percent	76%, 65%, 48%
CMY	0.2392, 0.3451, 0.5176
CMYK	0.00, 0.14, 0.37, 0.24
HSL	37°, 37%, 62%
HSV	37°, 37%, 76%
XYZ	39.6420, 40.5368, 24.4739
YIQ	170.0570, 30.2160, -7.9600

Conversions

Conversions Part 2

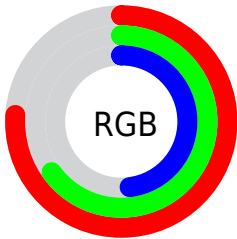
Format	Color
RYB	167, 194, 123
Decimal	12756859
CIELab	69.85, 3.53, 26.41
CIElCh	70, 26.649, 82.389
Yxy	40.5368, 0.3788, 0.3873
Android (android.graphics.Color)	4290946939 (0xFFC2A77B)
YUV	170.0570, -23.1991, 20.9980
Hunter-Lab	63.6685, -0.2802, 21.7771

Details

The XYZ color **39.6420, 40.5368, 24.4739** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **28.8120, 29.9178, 55.2951**, and the grayscale version is **38.3392, 40.3358, 43.9257**.

A 20% lighter version of the original color is **73.7414, 75.8864, 51.8352**, and **18.0142, 18.2448, 9.0507** is the 20% darker color. If you saturate the color by 10%, you get **37.2332, 37.4738, 18.2616**, and if you desaturate by 10%, it is **42.3707, 43.8540, 31.9810**.

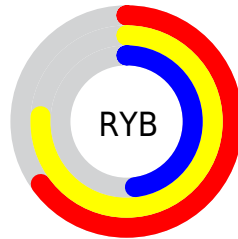
Distribution



Red (76%)

Green (65%)

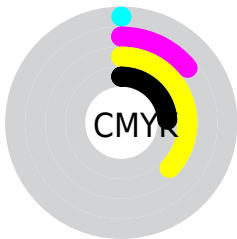
Blue (48%)



Red (65%)

Yellow (76%)

Blue (48%)

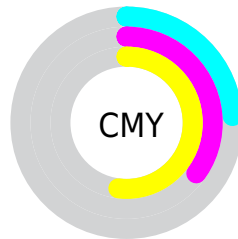


Cyan (0%)

Magenta (14%)

Yellow (37%)

Black (24%)



Cyan (24%)


Magenta (35%)


Yellow (52%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 39.6420, 40.5368, 24.4739 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 39.6420, 40.5368, 24.4739 by changing the saturation by 10% instead.


 39.6420, 40.5368,
24.4739


 39.6420, 40.5368,
24.4739


335.7727,
348.3809, 288.5710


 27.4425, 27.9573,
15.4701


 73.9059, 75.9802,
51.7559

 18.0441, 18.2935,
8.9997


 96.7009, 99.6130,
70.8712

 11.0816, 11.1609,
4.6442


 123.7586,
127.6990, 94.1941

 6.1894, 6.1752,
1.9850

155.4441,
160.6226, 122.1431

 3.0023, 2.9519,
0.5460

192.1230,
198.7682, 155.1367

 1.1550, 1.1067,
0.0000

234.1604,

 0.0704, 0.0000,

242.5202, 193.5936

0.0000

281.9219,
292.2630, 237.9322

■ 0.0000, 0.0000,
0.0000

■ 39.6420, 40.5368,
24.4739

■ 39.6420, 40.5368,
24.4739

■ 37.2332, 37.4738,
18.2616

■ 42.3707, 43.8540,
31.9810

■ 35.1255, 34.6511,
13.2660

■ 45.4304, 47.4276,
40.8500

■ 33.3030, 32.0616,
9.4042


■ 48.8357, 51.2666,
51.1461


■ 31.7464, 29.6956,
6.5820


■ 52.5991, 55.3780,
62.9297


■ 30.4337, 27.5421,
4.6895

■ 56.7325, 59.7685,
76.2576


 29.3360, 25.5871,
3.5822

 61.2472, 64.4443,
91.1837

 28.9932, 24.9594,
3.2895

 65.5356, 69.1642,
104.5037

 67.4987, 73.0904,
105.1580

 69.5481, 77.1892,
105.8412

Harmonies

Analogous

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



43.8357, 40.5368, 27.8178



39.6420, 40.5368, 24.4739



35.4445, 40.5368, 25.5608

Triad

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



39.6420, 40.5368, 24.4739



31.3335, 40.5368, 53.8552



45.5066, 40.5368, 60.3441

Complementary

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



39.6420, 40.5368, 24.4739



28.8120, 29.9178, 55.2951

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.



41.7875, 40.5368, 70.0534



39.6420, 40.5368, 24.4739



33.6689, 40.5368, 65.8446

Square

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



39.6420, 40.5368, 24.4739



30.8531, 40.5368, 41.0551



37.4371, 40.5368, 72.2352



47.3828, 40.5368, 47.3709

Rectangle

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



39.6420, 40.5368, 24.4739



33.1852, 40.5368, 28.7677



37.4371, 40.5368, 72.2352



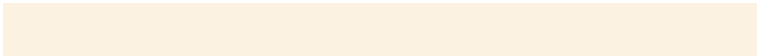
44.4178, 40.5368, 64.1904

Sweetspot

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



39.6430, 40.5387, 24.4747



85.5749, 89.6380, 83.7974



34.8539, 27.8447, 32.4837



18.5536, 19.4194, 17.7877



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.



39.6430, 40.5387, 24.4747



68.2434, 68.9135, 35.0495



43.0480, 50.4174, 26.2021



10.5813, 11.0941, 10.6455



19.1433, 16.5723, 2.1898



0.8919, 0.8456, 0.1162

Inverse Universe

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



28.8120, 29.9178, 55.2951



45.7488, 46.8698, 99.1054



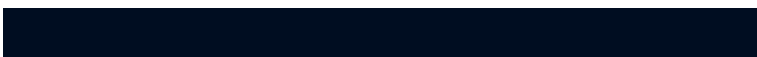
26.2250, 22.9094, 54.0787



9.8352, 10.3617, 12.7665



8.0753, 5.9072, 34.2712



0.4155, 0.3885, 1.5030

Previews

White Background



This preview shows how the XYZ color 39.6420, 40.5368, 24.4739 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 39.6420, 40.5368, 24.4739 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 39.6420, 40.5368, 24.4739

Background



This preview shows how black text looks on a background with the XYZ color 39.6420, 40.5368, 24.4739.



This preview shows how white text looks on a background with the XYZ color 39.6420, 40.5368,

24.4739.

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

39.6420, 40.5368, 24.4739

Protanopia

38.0317, 40.7968, 25.2721

Deuteranopia

41.2707, 40.5627, 24.7230



Tritanopia

43.6668, 40.3009, 45.0125

Trichromacy



Original Color

39.6420, 40.5368, 24.4739

Protanomaly

38.7519, 40.8961, 24.9201

Deuteranomaly

40.6464, 40.5076, 24.7452

Tritanomaly

42.0395, 40.4313, 36.5986

Monochromacy



Original Color

39.6420, 40.5368, 24.4739

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 39.6420, 40.5368, 24.4739 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, 123)` looks like.

```
.text, #text, p{  
    color:rgb(194, 167, 123)  
}
```

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, 123) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 167, 123) }
```

Border

The CSS property to change the border of an element to XYZ 39.6420, 40.5368, 24.4739 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, 123) }
```


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

```
.border{ border-color:rgb(194, 167, 123) }
```

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, 123)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(194, 167, 123); -webkit-box-  
shadow:4px 4px 4px 4px rgb(194, 167, 123);  
box-shadow:4px 4px 4px 4px rgb(194, 167,  
123) }
```

Background

The CSS property to change the background color of an element to XYZ 39.6420, 40.5368, 24.4739 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, 123) }
```

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

```
.background{ background-color: rgb(194,  
167, 123) }
```

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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