

Converting Colors

XYZ(39.6413, 37.8205, 17.2701)

Have a look what the booklet for
XYZ(39.6413, 37.8205, 17.2701)
contains.

XYZ(39.6423, 37.8188, 17.2670)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(39.6423, 37.8188,
17.2670)**

Conversions

Conversions Part 1

Format	Color
Hex	CE9C64
RGB	206, 156, 100
RGB Percent	81%, 61%, 39%
CMY	0.1922, 0.3882, 0.6078
CMYK	0.00, 0.24, 0.51, 0.19
HSL	32°, 52%, 60%
HSV	32°, 51%, 81%
XYZ	39.6423, 37.8188, 17.2670
YIQ	164.5660, 47.7760, -6.8160

Conversions

Conversions Part 2

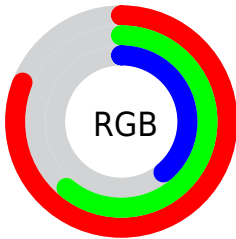
Format	Color
RYB	195, 206, 100
Decimal	13540452
CIELab	67.89, 11.99, 36.38
CIElCh	68, 38.303, 71.754
Yxy	37.8188, 0.4185, 0.3992
Android (android.graphics.Color)	4291730532 (0xFFCE9C64)
YUV	164.5660, -31.8310, 36.3376
Hunter-Lab	61.4970, 7.4453, 26.4006

Details

The XYZ color **39.6423, 37.8188, 17.2670** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **27.3020, 28.9771, 62.5465**, and the grayscale version is **35.6886, 37.5472, 40.8889**.

A 20% lighter version of the original color is **69.9541, 69.6202, 39.4568**, and **18.0658, 16.7406, 5.5279** is the 20% darker color. If you saturate the color by 10%, you get **37.2030, 34.3392, 12.1414**, and if you desaturate by 10%, it is **42.4660, 41.6637, 23.7651**.

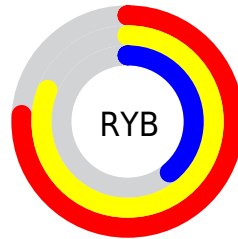
Distribution



Red (81%)

Green (61%)

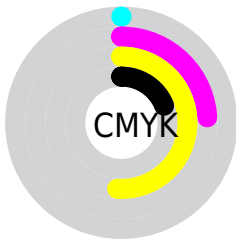
Blue (39%)



Red (76%)

Yellow (81%)

Blue (39%)

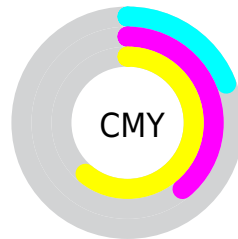


Cyan (0%)

Magenta (24%)

Yellow (51%)

Black (19%)



Cyan (19%)


Magenta (39%)


Yellow (61%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 39.6423, 37.8188, 17.2670 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 39.6423, 37.8188, 17.2670 by changing the saturation by 10% instead.


 39.6423, 37.8188,
17.2670


 39.6423, 37.8188,
17.2670


335.7739,
336.8420, 248.8022


 27.4427, 25.8421,
10.2611


 73.9063, 71.8303,
39.5812


 18.0443, 16.7055,
5.4645


 96.7015, 94.6339,
55.7265

 11.0817, 10.0248,
2.4589


 123.7592,
121.8153, 75.7554

 6.1895, 5.4154,
0.8182

 155.4449,
153.7587, 100.0864

 3.0024, 2.4930,
0.0000

192.1238,
190.8488, 129.1381

 1.1550, 0.8731,
0.0000

234.1614,

 0.0704, 0.0000,

233.4697, 163.3289

0.0000

281.9230,
282.0060, 203.0774

■ 0.0000, 0.0000,
0.0000

■ 39.6423, 37.8188,
17.2670

■ 39.6423, 37.8188,
17.2670

■ 37.2030, 34.3392,
12.1414

■ 42.4660, 41.6637,
23.7651

■ 35.1229, 31.2057,
8.2829

■ 45.6915, 45.8814,
31.7259

■ 33.3776, 28.4049,
5.5744

■ 49.3386, 50.4856,
41.2344

■ 31.9372, 25.9196,
3.8751

■ 53.4245, 55.4876,
52.3684

■ 30.9050, 24.0247,
3.0084

■ 57.9655, 60.8983,
65.2004

■ 62.9771, 66.7280,
79.7986

■ 68.4737, 72.9866,
96.2274

■ 72.8506, 79.0360,
106.0236

■ 75.6889, 84.7126,
106.9697

Harmonies

Analogous

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



45.1589, 37.8188, 23.0082



39.6423, 37.8188, 17.2670



33.6685, 37.8188, 16.7353

Triad

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



39.6423, 37.8188, 17.2670



25.8815, 37.8188, 48.2086



44.1021, 37.8188, 70.7243

Complementary

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



39.6423, 37.8188, 17.2670



27.3020, 28.9771, 62.5465

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.



38.3232, 37.8188, 82.2305



39.6423, 37.8188, 17.2670



28.0793, 37.8188, 67.0328

Square

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



39.6423, 37.8188, 17.2670



26.1515, 37.8188, 31.7607



32.4862, 37.8188, 80.7191



47.9228, 37.8188, 52.2946

Rectangle

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



39.6423, 37.8188, 17.2670



30.2628, 37.8188, 19.1537



32.4862, 37.8188, 80.7191



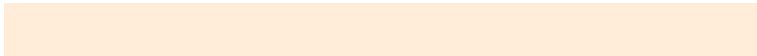
42.2988, 37.8188, 75.7320

Sweetspot

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



39.6432, 37.8206, 17.2677



84.0043, 86.8015, 77.8021



35.6158, 24.4784, 32.2256



17.6773, 18.2083, 15.8265



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.



39.6432, 37.8206, 17.2677



59.8015, 54.9382, 18.7371



49.3373, 57.9329, 20.6389



11.6947, 12.1784, 11.8137



19.1283, 14.9896, 1.8851



1.0624, 0.9246, 0.1225

Inverse Universe

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



27.3020, 28.9771, 62.5465



37.6207, 39.0590, 100.1641



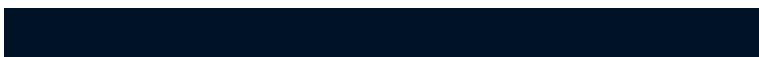
21.1512, 16.3822, 60.4396



11.0308, 11.7020, 14.2477



9.5970, 8.2179, 37.0367



0.5709, 0.5755, 1.9359

Previews

White Background



This preview shows how the XYZ color 39.6423, 37.8188, 17.2670 looks on a white background.

Color Contrast Check

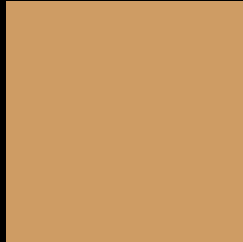
Large Text (above 18pt) WCAG AA × Fail

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 39.6423, 37.8188, 17.2670 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

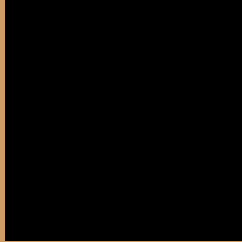
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 39.6423, 37.8188, 17.2670

Background



This preview shows how black text looks on a background with the XYZ color 39.6423, 37.8188, 17.2670.



This preview shows how white text looks on a background with the XYZ color 39.6423, 37.8188,

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

39.6423, 37.8188, 17.2670

Protanopia

35.1910, 38.0957, 18.5951

Deuteranopia

38.6145, 37.7913, 17.3158



Tritanopia

43.9566, 37.8818, 38.2529

Trichromacy



Original Color

39.6423, 37.8188, 17.2670

Protanomaly

36.6037, 37.7671, 18.1925

Deuteranomaly

38.9858, 37.7306, 17.2845

Tritanomaly

42.1102, 37.8468, 29.1305

Monochromacy



Original Color

39.6423, 37.8188, 17.2670

Achromatopsia

35.7637, 37.6262, 40.9749

Achromatomaly

36.5504, 37.4670, 30.5048

CSS Examples

Text

The CSS property to change the color of the text to XYZ 39.6423, 37.8188, 17.2670 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(206, 156, 100)` looks like.

```
.text, #text, p{  
    color:rgb(206, 156, 100)  
}
```

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(206, 156, 100) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(206, 156, 100) }
```

Border

The CSS property to change the border of an element to XYZ 39.6423, 37.8188, 17.2670 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(206, 156, 100) }
```


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

```
.border{ border-color:rgb(206, 156, 100) }
```

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

Here you see how a box with a 4 pixel `rgb(206, 156, 100)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(206, 156, 100); -webkit-box-  
shadow:4px 4px 4px 4px rgb(206, 156, 100);  
box-shadow:4px 4px 4px 4px rgb(206, 156,  
100) }
```

Background

The CSS property to change the background color of an element to XYZ 39.6423, 37.8188, 17.2670 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(206, 156, 100) }
```

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

```
.background{ background-color: rgb(206,  
156, 100) }
```

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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