

Converting Colors

XYZ(39.9186, 37.8994, 16.9157)

Have a look what the booklet for
XYZ(39.9186, 37.8994, 16.9157)
contains.

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Color

**XYZ(39.8727, 37.9432,
17.0266)**

Conversions

Conversions Part 1

Format	Color
Hex	CF9C63
RGB	207, 156, 99
RGB Percent	81%, 61%, 39%
CMY	0.1882, 0.3882, 0.6118
CMYK	0.00, 0.25, 0.52, 0.19
HSL	32°, 53%, 60%
HSV	32°, 52%, 81%
XYZ	39.8727, 37.9432, 17.0266
YIQ	164.7510, 48.6930, -6.9150

Conversions

Conversions Part 2

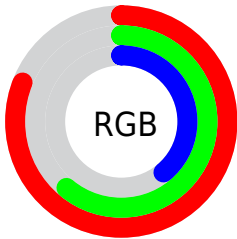
Format	Color
RYB	196, 207, 99
Decimal	13605987
CIELab	67.98, 12.32, 37.04
CIElCh	68, 39.035, 71.603
Yxy	37.9432, 0.4204, 0.4001
Android (android.graphics.Color)	4291796067 (0xFFCF9C63)
YUV	164.7510, -32.4152, 37.0524
Hunter-Lab	61.5981, 7.7473, 26.7300

Details

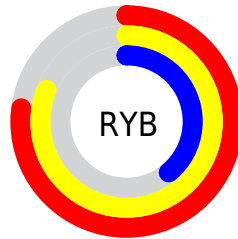
The XYZ color **39.8727, 37.9432, 17.0266** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **27.3138, 28.9690, 63.1832**, and the grayscale version is **35.7797, 37.6430, 40.9933**.

A 20% lighter version of the original color is **69.8725, 69.5876, 39.0272**, and **18.2050, 16.8175, 5.3042** is the 20% darker color. If you saturate the color by 10%, you get **37.4326, 34.4490, 11.9410**, and if you desaturate by 10%, it is **42.7003, 41.8065, 23.4934**.

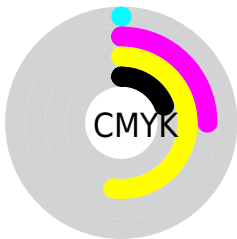
Distribution



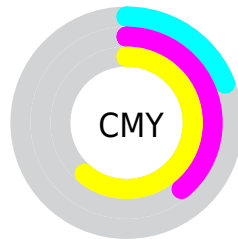
- Red (81%)
- Green (61%)
- Blue (39%)



- Red (77%)
- Yellow (81%)
- Blue (39%)



- Cyan (0%)
- Magenta (25%)
- Yellow (52%)
- Black (19%)




- Cyan (19%)
- Magenta (39%)
- Yellow (61%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 39.8727, 37.9432, 17.0266 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 39.8727, 37.9432, 17.0266 by changing the saturation by 10% instead.


 39.8727, 37.9432,
17.0266


 39.8727, 37.9432,
17.0266


336.7304,
337.3763, 247.3748


 27.6231, 25.9386,
10.0913


 74.2552, 72.0211,
39.1628

 18.1807, 16.7777,
5.3531


 97.1188, 94.8631,
55.2007

 11.1803, 10.0761,
2.3936


 124.2511,
122.0865, 75.1100

 6.2564, 5.4495,
0.7829


 156.0174,
154.0755, 99.3091

 3.0438, 2.5133,
0.0000

192.7831,
191.2146, 128.2166

 1.1769, 0.8833,
0.0000

234.9136,

 0.0880, 0.0000,

233.8882, 162.2510

0.0000

282.7743,
282.4806, 201.8309

■ 0.0000, 0.0000,
0.0000

■ 39.8727, 37.9432,
17.0266

■ 39.8727, 37.9432,
17.0266

■ 37.4326, 34.4490,
11.9410

■ 42.7003, 41.8065,
23.4934

■ 35.3544, 31.3043,
8.1290

■ 45.9332, 46.0466,
31.4334

■ 33.6130, 28.4954,
5.4708

■ 49.5916, 50.6773,
40.9331

■ 32.1778, 26.0049,
3.8216

■ 53.6929, 55.7103,
52.0717

■ 31.2284, 24.2581,
3.0364

■ 58.2537, 61.1566,
64.9230

■ 63.2898, 67.0265,
79.5561

■ 68.8158, 73.3303,
96.0366

■ 73.2611, 79.4436,
106.0806

■ 76.1241, 85.1696,
107.0350

Harmonies

Analogous

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



45.5106, 37.9432, 22.8620



39.8727, 37.9432, 17.0266



33.7677, 37.9432, 16.4654

Triad

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



39.8727, 37.9432, 17.0266



25.7998, 37.9432, 48.4056



44.3785, 37.9432, 71.6749

Complementary

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



39.8727, 37.9432, 17.0266



27.3138, 28.9690, 63.1832

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.



38.4619, 37.9432, 83.4499



39.8727, 37.9432, 17.0266



28.0242, 37.9432, 67.7082

Square

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



39.8727, 37.9432, 17.0266



26.0871, 37.9432, 31.6402



32.5057, 37.9432, 81.8232



48.3064, 37.9432, 52.7816

Rectangle

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



39.8727, 37.9432, 17.0266



30.2888, 37.9432, 18.8894



32.5057, 37.9432, 81.8232



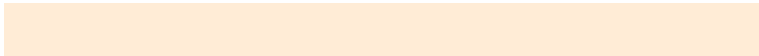
42.5300, 37.9432, 76.8071

Sweetspot

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



39.8736, 37.9450, 17.0273



83.3224, 85.9638, 75.9534



35.7962, 24.4302, 32.1925



17.5416, 18.0403, 15.4620



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.



39.8736, 37.9450, 17.0273



59.4253, 54.3729, 18.0352



49.7968, 58.5338, 20.4784



12.3178, 12.8263, 12.4385



19.7709, 15.4748, 1.9449



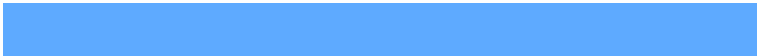
1.1846, 1.0235, 0.1351

Inverse Universe

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



27.3138, 28.9690, 63.1832



37.1152, 38.4446, 100.0721



21.0691, 16.1842, 61.0446



11.6174, 12.3251, 15.0103



9.9257, 8.4979, 38.3096



0.6341, 0.6335, 2.1684

Previews

White Background



This preview shows how the XYZ color 39.8727, 37.9432, 17.0266 looks on a white background.

Color Contrast Check

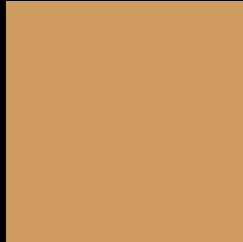
Large Text (above 18pt) WCAG AA × Fail

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 39.8727, 37.9432, 17.0266 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

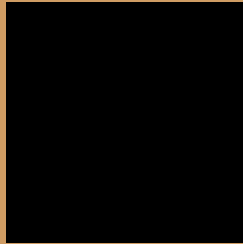
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 39.8727, 37.9432, 17.0266

Background



This preview shows how black text looks on a background with the XYZ color 39.8727, 37.9432, 17.0266.



This preview shows how white text looks on a background with the XYZ color 39.8727, 37.9432,

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

39.8727, 37.9432, 17.0266

Protanopia

35.1405, 38.0755, 18.3292

Deuteranopia

38.7886, 37.8921, 16.8248



Tritanopia

44.2440, 38.0300, 38.2663

Trichromacy



Original Color

39.8727, 37.9432, 17.0266

Protanomaly

36.5538, 37.7471, 17.9297

Deuteranomaly

39.1634, 37.8332, 16.7937

Tritanomaly

42.3940, 37.9931, 29.1437

Monochromacy



Original Color

39.8727, 37.9432, 17.0266

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 39.8727, 37.9432, 17.0266 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(207, 156, 99)` looks like.

```
.text, #text, p{  
    color:rgb(207, 156, 99)  
}
```

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(207, 156, 99) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(207, 156, 99) }
```

Border

The CSS property to change the border of an element to XYZ 39.8727, 37.9432, 17.0266 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(207, 156, 99) }
```


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

```
.border{ border-color:rgb(207, 156, 99) }
```

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

Here you see how a box with a 4 pixel `rgb(207, 156, 99)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(207, 156, 99); -webkit-box-  
shadow:4px 4px 4px 4px rgb(207, 156, 99);  
box-shadow:4px 4px 4px 4px rgb(207, 156,  
99) }
```

Background

The CSS property to change the background color of an element to XYZ 39.8727, 37.9432, 17.0266 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(207, 156, 99) }
```

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

```
.background{ background-color: rgb(207,  
156, 99) }
```

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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