

Converting Colors

XYZ(39.3025, 36.9093, 16.9364)

Have a look what the booklet for
XYZ(39.3025, 36.9093, 16.9364)
contains.

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Color

**XYZ(39.3755, 36.9487,
16.8609)**

Conversions

Conversions Part 1

Format	Color
Hex	CF9963
RGB	207, 153, 99
RGB Percent	81%, 60%, 39%
CMY	0.1882, 0.4000, 0.6118
CMYK	0.00, 0.26, 0.52, 0.19
HSL	30°, 53%, 60%
HSV	30°, 52%, 81%
XYZ	39.3755, 36.9487, 16.8609
YIQ	162.9900, 49.5180, -5.3460

Conversions

Conversions Part 2

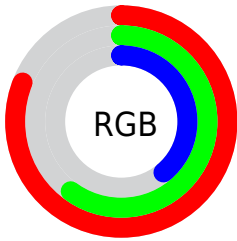
Format	Color
RYB	207, 207, 99
Decimal	13605219
CIELab	67.24, 13.95, 36.11
CIELCh	67, 38.715, 68.884
Yxy	36.9487, 0.4226, 0.3965
Android (android.graphics.Color)	4291795299 (0xFFCF9963)
YUV	162.9900, -31.5471, 38.5968
Hunter-Lab	60.7854, 9.2539, 26.1037

Details

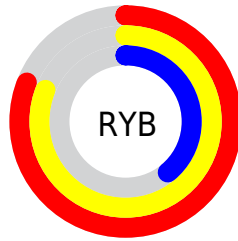
The XYZ color **39.3755, 36.9487, 16.8609** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **27.7988, 29.9389, 63.3449**, and the grayscale version is **34.9367, 36.7562, 40.0275**.

A 20% lighter version of the original color is **69.1387, 68.1200, 38.7826**, and **17.9266, 16.2258, 5.3190** is the 20% darker color. If you saturate the color by 10%, you get **36.8890, 33.3617, 11.7598**, and if you desaturate by 10%, it is **42.2644, 40.9347, 23.3482**.

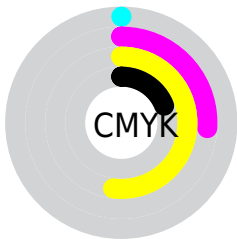
Distribution



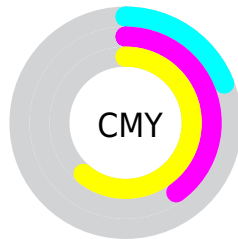
- Red (81%)
- Green (60%)
- Blue (39%)



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



- Cyan (0%)
- Magenta (26%)
- Yellow (52%)
- Black (19%)



- Cyan (19%)
- Magenta (40%)
- Yellow (61%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 39.3755, 36.9487, 16.8609 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 39.3755, 36.9487, 16.8609 by changing the saturation by 10% instead.


 39.3755, 36.9487,
16.8609


 39.3755, 36.9487,
16.8609

334.6641,
333.0884, 246.3863

 27.2340, 25.1678,
9.9745


 73.5020, 70.4939,
38.8738


 17.8865, 16.2021,
5.2766


 96.2177, 93.0269,
54.8374

 10.9678, 9.6673,
2.3489


 123.1889,
119.9128, 74.6637

 6.1123, 5.1789,
0.7584

 154.7809,
151.5359, 98.7714

 2.9548, 2.3526,
0.0000

191.3591,
188.2806, 127.5790

 1.1299, 0.8013,
0.0000

233.2887,

 0.0499, 0.0000,

230.5313, 161.5049

0.0000

280.9353,
278.6724, 200.9679

■ 0.0000, 0.0000,
0.0000

■ 39.3755, 36.9487,
16.8609

■ 39.3755, 36.9487,
16.8609

■ 36.8890, 33.3617,
11.7598

■ 42.2644, 40.9347,
23.3482

■ 34.7787, 30.1528,
7.9371

■ 45.5742, 45.3284,
31.3138

■ 33.0188, 27.3071,
5.2727

■ 49.3255, 50.1450,
40.8445

■ 31.5782, 24.8056,
3.6218

■ 53.5364, 55.3972,
52.0196

■ 30.6331, 23.0674,
2.8379

■ 58.2240, 61.0970,
64.9132

■ 63.4044, 67.2558,
79.5945

■ 69.0930, 73.8846,
96.1292

■ 73.7194, 80.3601,
106.2334

■ 76.7826, 86.4865,
107.2544

Harmonies

Analogous

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



44.7321, 36.9487, 23.0585



39.3755, 36.9487, 16.8609



33.3921, 36.9487, 15.8751

Triad

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



39.3755, 36.9487, 16.8609



25.0416, 36.9487, 45.4711



42.7493, 36.9487, 71.2692

Complementary

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



39.3755, 36.9487, 16.8609



27.7988, 29.9389, 63.3449

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.



36.9036, 36.9487, 81.7334



39.3755, 36.9487, 16.8609



26.9918, 36.9487, 64.3252

Square

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



39.3755, 36.9487, 16.8609



25.5453, 36.9487, 29.6044



31.1802, 36.9487, 78.8867



46.8269, 36.9487, 53.1372

Rectangle

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



39.3755, 36.9487, 16.8609



29.9086, 36.9487, 17.9264



31.1802, 36.9487, 78.8867



40.9011, 36.9487, 76.0026

Sweetspot

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



39.3764, 36.9505, 16.8616



82.9976, 85.3141, 75.8452



35.9439, 24.4893, 32.9698



17.4642, 17.8856, 15.4363



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.



39.3764, 36.9505, 16.8616



58.5443, 52.6107, 17.7415



50.2970, 58.7918, 20.5018



12.2901, 12.7709, 12.4293



19.3949, 14.7229, 1.8196



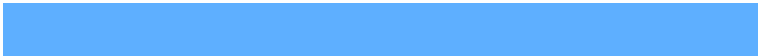
1.1638, 0.9819, 0.1282

Inverse Universe

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



27.7988, 29.9389, 63.3449



37.9675, 40.1491, 100.3562



20.8702, 16.0817, 61.0354



11.6450, 12.3802, 15.0195



10.2773, 9.2012, 38.4268



0.6540, 0.6732, 2.1750

Previews

White Background



This preview shows how the XYZ color 39.3755, 36.9487, 16.8609 looks on a white background.

Color Contrast Check

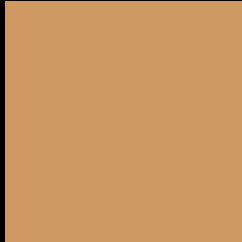
Large Text (above 18pt) WCAG AA × Fail

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 39.3755, 36.9487, 16.8609 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

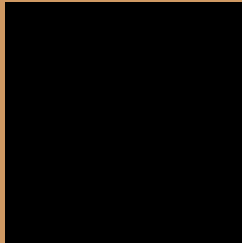
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 39.3755, 36.9487, 16.8609

Background



This preview shows how black text looks on a background with the XYZ color 39.3755, 36.9487, 16.8609.



This preview shows how white text looks on a background with the XYZ color 39.3755, 36.9487,

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

39.3755, 36.9487, 16.8609

Protanopia

34.3140, 37.1139, 18.1871

Deuteranopia

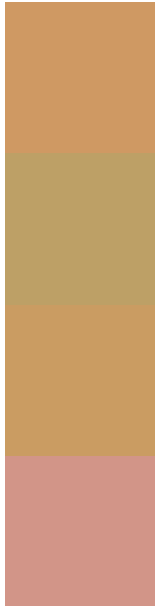
37.8148, 37.1379, 16.7306



Tritanopia

43.5161, 36.9891, 36.7444

Trichromacy



Original Color

39.3755, 36.9487, 16.8609

Protanomaly

35.9553, 36.9197, 17.8015

Deuteranomaly

38.4502, 37.2153, 16.7120

Tritanomaly

41.7697, 36.9741, 28.2278

Monochromacy



Original Color

39.3755, 36.9487, 16.8609

Achromatopsia

34.8123, 36.6253, 39.8849

Achromatomaly

35.7222, 36.2734, 29.9297

CSS Examples

Text

The CSS property to change the color of the text to XYZ 39.3755, 36.9487, 16.8609 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, 153, 99)` looks like.

```
.text, #text, p{  
    color:rgb(207, 153, 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, 153, 99) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(207, 153, 99) }
```

Border

The CSS property to change the border of an element to XYZ 39.3755, 36.9487, 16.8609 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, 153, 99) }
```


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

```
.border{ border-color:rgb(207, 153, 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, 153, 99)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(207, 153, 99); -webkit-box-  
shadow:4px 4px 4px 4px rgb(207, 153, 99);  
box-shadow:4px 4px 4px 4px rgb(207, 153,  
99) }
```

Background

The CSS property to change the background color of an element to XYZ 39.3755, 36.9487, 16.8609 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(207, 153, 99) }
```

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

```
.background{ background-color: rgb(207,  
153, 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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