

Converting Colors

XYZ(39.3925, 37.3387, 23.1783)

Have a look what the booklet for
XYZ(39.3925, 37.3387, 23.1783)
contains.

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Color

**XYZ(39.2599, 37.2407,
23.2081)**

Conversions

Conversions Part 1

Format	Color
Hex	C99B79
RGB	201, 155, 121
RGB Percent	79%, 61%, 47%
CMY	0.2118, 0.3921, 0.5255
CMYK	0.00, 0.23, 0.40, 0.21
HSL	26°, 43%, 63%
HSV	26°, 40%, 79%
XYZ	39.2599, 37.2407, 23.2081
YIQ	164.8780, 38.3300, -0.8220

Conversions

Conversions Part 2

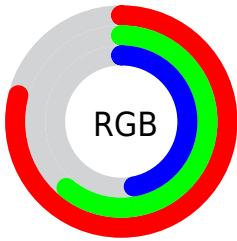
Format	Color
R _Y B	201, 180, 121
Decimal	13212537
CIE Lab	67.46, 12.64, 24.42
CIE LCh	67, 27.499, 62.636
Yxy	37.2407, 0.3937, 0.3735
Android (android.graphics.Color)	4291402617 (0xFFC99B79)
YUV	164.8780, -21.6319, 31.6790
Hunter-Lab	61.0252, 8.0421, 20.1694

Details

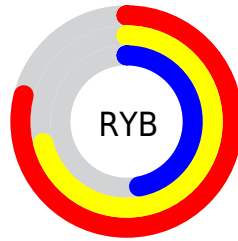
The XYZ color **39.2599, 37.2407, 23.2081** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **32.2459, 35.9179, 60.4915**, and the grayscale version is **35.7941, 37.6581, 41.0097**.

A 20% lighter version of the original color is **71.6804, 69.9169, 49.7617**, and **17.7971, 16.3883, 8.3561** is the 20% darker color. If you saturate the color by 10%, you get **36.3215, 33.1352, 16.7680**, and if you desaturate by 10%, it is **42.6411, 41.8207, 31.0636**.

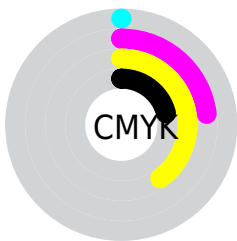
Distribution



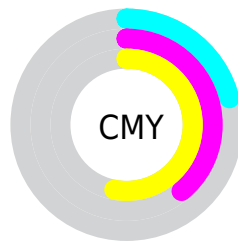
- Red (79%)
- Green (61%)
- Blue (47%)



- Red (79%)
- Yellow (71%)
- Blue (47%)



- Cyan (0%)
- Magenta (23%)
- Yellow (40%)
- Black (21%)





- Cyan (21%)
- Magenta (39%)
- Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 39.2599, 37.2407, 23.2081 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 39.2599, 37.2407, 23.2081 by changing the saturation by 10% instead.


 39.2599, 37.2407,
23.2081


 39.2599, 37.2407,
23.2081


334.1824,
334.3514, 281.9485


 27.1436, 25.3939,
14.5405


 73.3267, 70.9428,
49.6623

 17.8183, 16.3708,
8.3545


 96.0080, 93.5670,
68.2860

 10.9185, 9.7869,
4.2316


 122.9416,
120.5523, 91.0655

 6.0789, 5.2579,
1.7532

154.4929,
152.2833, 118.4193

 2.9343, 2.3994,
0.3968

191.0273,
189.1443, 150.7660

 1.1191, 0.8256,
0.0000

232.9101,

 0.0410, 0.0000,

231.5197, 188.5240

0.0000

280.5067,
279.7940, 232.1120

■ 0.0000, 0.0000,
0.0000

■ 39.2599, 37.2407,
23.2081

■ 39.2599, 37.2407,
23.2081

■ 36.3215, 33.1352,
16.7680

■ 42.6411, 41.8207,
31.0636

■ 33.8018, 29.4820,
11.6547

■ 46.4820, 46.8856,
40.4113

■ 31.6786, 26.2652,
7.7729


■ 50.8018, 52.4520,
51.3250


■ 29.9259, 23.4652,
5.0135


■ 55.6177, 58.5343,
63.8730


■ 28.5135, 21.0606,
3.2478


■ 60.9460, 65.1460,
78.1195


 27.3908, 19.0210,
2.2393

 66.8025, 72.3003,
94.1252

 27.3703, 18.9835,
2.2216

 72.1038, 79.5705,
106.1661

 75.5376, 86.4381,
107.3107

 77.8973, 91.1575,
108.0973

Harmonies

Analogous

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



42.6815, 37.2407, 29.2588



39.2599, 37.2407, 23.2081



35.0241, 37.2407, 21.4768

Triad

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



39.2599, 37.2407, 23.2081



27.8907, 37.2407, 41.6276



39.9570, 37.2407, 63.4459

Complementary

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



39.2599, 37.2407, 23.2081



32.2459, 35.9179, 60.4915

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.



35.7709, 37.2407, 68.4879



39.2599, 37.2407, 23.2081



28.9909, 37.2407, 54.4233

Square

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



39.2599, 37.2407, 23.2081



28.6653, 37.2407, 30.7744



31.7946, 37.2407, 64.8981



43.1059, 37.2407, 52.2005

Rectangle

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



39.2599, 37.2407, 23.2081



32.3629, 37.2407, 22.6539



31.7946, 37.2407, 64.8981



38.6133, 37.2407, 66.0132

Sweetspot

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



39.2608, 37.2425, 23.2088



85.1510, 87.4678, 83.2008



37.9618, 28.9073, 40.4622



18.0115, 18.4466, 17.2634



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.



39.2608, 37.2425, 23.2088



62.7171, 57.4846, 29.8358



46.9046, 52.5300, 25.7568



10.9983, 11.3657, 11.1769



17.2962, 12.1095, 1.4258



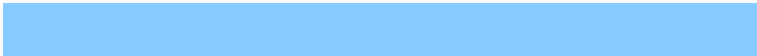
0.8904, 0.7163, 0.0913

Inverse Universe

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



32.2459, 35.9179, 60.4915



49.0093, 54.8731, 102.6162



26.1039, 23.6339, 58.4442



10.5545, 11.2830, 13.5390



10.6164, 10.6268, 36.2360



0.5734, 0.6446, 1.7393

Previews

White Background



This preview shows how the XYZ color 39.2599, 37.2407, 23.2081 looks on a white background.

Color Contrast Check

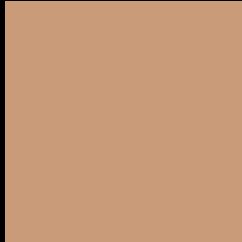
Large Text (above 18pt) WCAG AA × Fail

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 39.2599, 37.2407, 23.2081 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

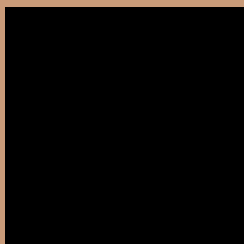
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 39.2599, 37.2407, 23.2081

Background



This preview shows how black text looks on a background with the XYZ color 39.2599, 37.2407, 23.2081.



This preview shows how white text looks on a background with the XYZ color 39.2599, 37.2407,

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

39.2599, 37.2407, 23.2081

Protanopia

34.8816, 37.2617, 24.7558

Deuteranopia

38.1227, 37.4119, 22.9812



Tritanopia

42.5162, 37.3650, 38.6895

Trichromacy



Original Color

39.2599, 37.2407, 23.2081

Protanomaly

36.3905, 37.2593, 24.3426

Deuteranomaly

38.4731, 37.3403, 22.9490

Tritanomaly

41.3184, 37.3692, 32.2294

Monochromacy



Original Color

39.2599, 37.2407, 23.2081

Achromatopsia

35.7637, 37.6262, 40.9749

Achromatomaly

36.5298, 37.1246, 33.6742

CSS Examples

Text

The CSS property to change the color of the text to XYZ 39.2599, 37.2407, 23.2081 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(201, 155, 121)` looks like.

```
.text, #text, p{  
    color:rgb(201, 155, 121)  
}
```

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(201, 155, 121) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(201, 155, 121) }
```

Border

The CSS property to change the border of an element to XYZ 39.2599, 37.2407, 23.2081 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(201, 155, 121) }
```


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

```
.border{ border-color:rgb(201, 155, 121) }
```

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

Here you see how a box with a 4 pixel `rgb(201, 155, 121)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(201, 155, 121); -webkit-box-  
shadow:4px 4px 4px 4px rgb(201, 155, 121);  
box-shadow:4px 4px 4px 4px rgb(201, 155,  
121) }
```

Background

The CSS property to change the background color of an element to XYZ 39.2599, 37.2407, 23.2081 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(201, 155, 121) }
```

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

```
.background{ background-color: rgb(201,  
155, 121) }
```

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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