

Converting Colors

XYZ(40.1461, 37.7472, 21.3037)

Have a look what the booklet for
XYZ(40.1461, 37.7472, 21.3037)
contains.

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Color

**XYZ(40.2695, 37.8023,
21.3938)**

Conversions

Conversions Part 1

Format	Color
Hex	CE9B73
RGB	206, 155, 115
RGB Percent	81%, 61%, 45%
CMY	0.1922, 0.3921, 0.5490
CMYK	0.00, 0.25, 0.44, 0.19
HSL	26°, 48%, 63%
HSV	26°, 44%, 81%
XYZ	40.2695, 37.8023, 21.3938
YIQ	165.6890, 43.2360, -1.6280

Conversions

Conversions Part 2

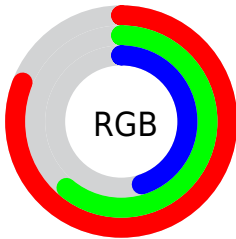
Format	Color
R_{YB}	206, 186, 115
Decimal	13540211
CIE _{Lab}	67.87, 14.01, 28.34
CIE _{LCh}	68, 31.612, 63.702
Yxy	37.8023, 0.4049, 0.3801
Android (android.graphics.Color)	4291730291 (0xFFCE9B73)
YUV	165.6890, -24.9897, 35.3527
Hunter-Lab	61.4836, 9.3147, 22.4080

Details

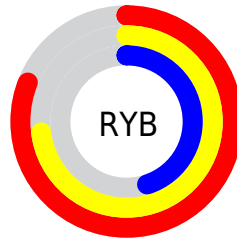
The XYZ color **40.2695, 37.8023, 21.3938** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **31.8466, 35.3722, 63.5416**, and the grayscale version is **36.1983, 38.0835, 41.4729**.

A 20% lighter version of the original color is **71.0155, 69.6509, 46.2603**, and **18.5114, 16.7780, 7.4171** is the 20% darker color. If you saturate the color by 10%, you get **37.3839, 33.7209, 15.2228**, and if you desaturate by 10%, it is **43.6056, 42.3607, 29.0225**.

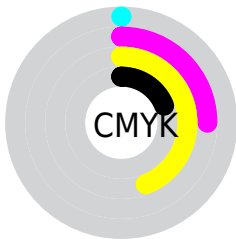
Distribution



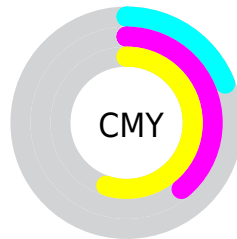
- Red (81%)
- Green (61%)
- Blue (45%)



- Red (81%)
- Yellow (73%)
- Blue (45%)



- Cyan (0%)
- Magenta (25%)
- Yellow (44%)
- Black (19%)



- Cyan (19%)
- Magenta (39%)
- Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 40.2695, 37.8023, 21.3938 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 40.2695, 37.8023, 21.3938 by changing the saturation by 10% instead.

40.2695, 37.8023,
21.3938

40.2695, 37.8023,
21.3938

338.3731,
336.7711, 272.2134

27.9339, 25.8293,
13.2181

74.8555, 71.8050,
46.6313

18.4160, 16.6960,
7.4464

97.8365, 94.6035,
64.5302

11.3506, 10.0180,
3.6602

125.0967,
121.7793, 86.5072

6.3722, 5.4109,
1.4408

157.0015,
153.7167, 112.9809

3.1155, 2.4903,
0.1733

193.9162,
190.8002, 144.3698

1.2151, 0.8718,
0.0000

236.2061,

0.1183, 0.0000,

233.4142, 181.0926

0.0000

284.2366,
281.9430, 223.5676

■ 0.0000, 0.0000,
0.0000

■ 40.2695, 37.8023,
21.3938

■ 40.2695, 37.8023,
21.3938

■ 37.3839, 33.7209,
15.2228

■ 43.6056, 42.3607,
29.0225

■ 34.9230, 30.0936,
10.4116

■ 47.4104, 47.4069,
38.1937

■ 32.8623, 26.9036,
6.8534


■ 51.7047, 52.9583,
48.9882


■ 31.1730, 24.1303,
4.4244


■ 56.5067, 59.0294,
61.4805


■ 29.8211, 21.7505,
2.9744


■ 61.8340, 65.6344,
75.7404

 29.1572, 20.5289,
2.4257

 67.7030, 72.7866,
91.8340

 73.4455, 80.2255,
106.2218

 76.8739, 87.0824,
107.3646

 79.2636, 91.8618,
108.1612

Harmonies

Analogous

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



44.3552, 37.8023, 27.9259



40.2695, 37.8023, 21.3938



35.3248, 37.8023, 19.6725

Triad

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



40.2695, 37.8023, 21.3938



27.3213, 37.8023, 42.9278



41.4175, 37.8023, 67.9480

Complementary

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



40.2695, 37.8023, 21.3938



31.8466, 35.3722, 63.5416

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.



36.5419, 37.8023, 74.4000



40.2695, 37.8023, 21.3938



28.6454, 37.8023, 58.0280

Square

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



40.2695, 37.8023, 21.3938



28.1254, 37.8023, 30.3222



31.9139, 37.8023, 70.4116



45.0592, 37.8023, 54.3147

Rectangle

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



40.2695, 37.8023, 21.3938



32.2729, 37.8023, 21.0614



31.9139, 37.8023, 70.4116



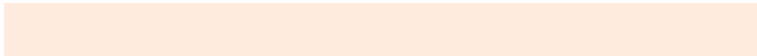
39.8534, 37.8023, 71.1534

Sweetspot

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



40.2704, 37.8041, 21.3946



84.5221, 86.7607, 81.2936



38.5196, 28.1577, 39.7546



17.7394, 18.1206, 16.5002



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.



40.2704, 37.8041, 21.3946



60.7940, 54.9582, 25.1254



49.1871, 55.6374, 24.3668



11.6114, 12.0117, 11.7859



18.0472, 12.8274, 1.5247



1.0062, 0.8120, 0.1037

Inverse Universe

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



31.8466, 35.3722, 63.5416



45.4218, 50.4961, 101.9605



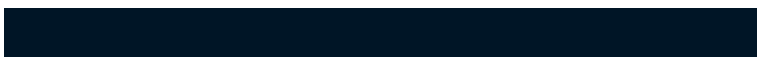
25.0567, 21.7925, 61.2783



11.1145, 11.8694, 14.2756



10.7643, 10.5525, 37.4258



0.6301, 0.6940, 1.9557

Previews

White Background



This preview shows how the XYZ color 40.2695, 37.8023, 21.3938 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 40.2695, 37.8023, 21.3938 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

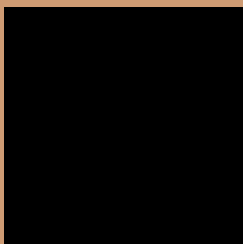
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 40.2695, 37.8023, 21.3938

Background



This preview shows how black text looks on a background with the XYZ color 40.2695, 37.8023, 21.3938.



This preview shows how white text looks on a background with the XYZ color 40.2695, 37.8023,

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

40.2695, 37.8023, 21.3938

Protanopia

35.3261, 38.0693, 22.9390

Deuteranopia

38.7241, 38.0169, 21.2166



Tritanopia

43.6710, 37.7346, 38.2395

Trichromacy



Original Color

40.2695, 37.8023, 21.3938

Protanomaly

36.9294, 37.8400, 22.4970

Deuteranomaly

39.3515, 38.0861, 21.1969

Tritanomaly

42.3951, 37.7021, 31.4283

Monochromacy



Original Color

40.2695, 37.8023, 21.3938

Achromatopsia

36.2450, 38.1326, 41.5264

Achromatomaly

37.2428, 37.7710, 32.9314

CSS Examples

Text

The CSS property to change the color of the text to XYZ 40.2695, 37.8023, 21.3938 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, 155, 115)` looks like.

```
.text, #text, p{  
    color:rgb(206, 155, 115)  
}
```

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, 155, 115) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(206, 155, 115) }
```

Border

The CSS property to change the border of an element to XYZ 40.2695, 37.8023, 21.3938 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, 155, 115) }
```


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

```
.border{ border-color:rgb(206, 155, 115) }
```

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

Here you see how a box with a 4 pixel `rgb(206, 155, 115)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(206, 155, 115); -webkit-box-  
shadow:4px 4px 4px 4px rgb(206, 155, 115);  
box-shadow:4px 4px 4px 4px rgb(206, 155,  
115) }
```

Background

The CSS property to change the background color of an element to XYZ 40.2695, 37.8023, 21.3938 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(206, 155, 115) }
```

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

```
.background{ background-color: rgb(206,  
155, 115) }
```

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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