

Converting Colors

XYZ(40.7137, 36.7731, 23.3644)

Have a look what the booklet for
XYZ(40.7137, 36.7731, 23.3644)
contains.

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Color

**XYZ(40.7137, 36.7731,
23.3644)**

Conversions

Conversions Part 1

Format	Color
Hex	D1967A
RGB	209, 150, 122
RGB Percent	82%, 59%, 48%
CMY	0.1804, 0.4117, 0.5216
CMYK	0.00, 0.28, 0.42, 0.18
HSL	19°, 49%, 65%
HSV	19°, 42%, 82%
XYZ	40.7137, 36.7731, 23.3644
YIQ	164.4490, 44.1520, 3.8000

Conversions

Conversions Part 2

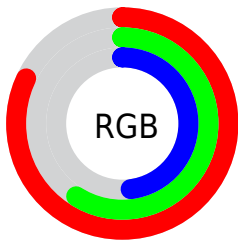
Format	Color
R _Y B	209, 163, 122
Decimal	13735546
CIE Lab	67.11, 18.69, 23.55
CIE LCh	67, 30.067, 51.560
Yxy	36.7731, 0.4037, 0.3646
Android (android.graphics.Color)	4291925626 (0xFFD1967A)
YUV	164.4490, -20.9274, 39.0712
Hunter-Lab	60.6408, 13.7218, 19.6046

Details

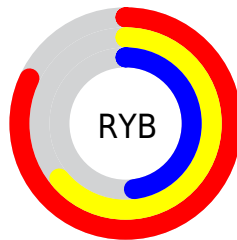
The XYZ color **40.7137, 36.7731, 23.3644** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **36.0579, 41.7872, 66.4869**, and the grayscale version is **35.5834, 37.4365, 40.7683**.

A 20% lighter version of the original color is **70.5707, 67.5409, 49.8747**, and **18.6133, 16.0801, 8.4261** is the 20% darker color. If you saturate the color by 10%, you get **37.4291, 32.0581, 16.5531**, and if you desaturate by 10%, it is **44.5523, 42.1501, 31.7350**.

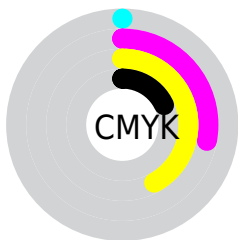
Distribution



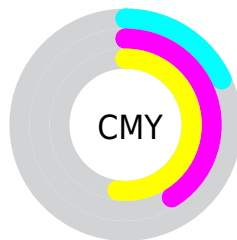
- Red (82%)
- Green (59%)
- Blue (48%)



- Red (82%)
- Yellow (64%)
- Blue (48%)



- Cyan (0%)
- Magenta (28%)
- Yellow (42%)
- Black (18%)





- Cyan (18%)
- Magenta (41%)
- Yellow (52%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 40.7137, 36.7731, 23.3644 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 40.7137, 36.7731, 23.3644 by changing the saturation by 10% instead.


 40.7137, 36.7731,
23.3644


 40.7137, 36.7731,
23.3644


340.2057,
332.3271, 282.7735

 28.2821, 25.0319,
14.6550


 75.5265, 70.2237,
49.9217

 18.6800, 16.1008,
8.4337


 98.6385, 92.7018,
68.6067

 11.5419, 9.5955,
4.2820


 126.0414,
119.5277, 91.4540

 6.5025, 5.1316,
1.7813

158.1004,
151.0857, 118.8821

 3.1965, 2.3247,
0.4156

195.1810,
187.7603, 151.3096

 1.2585, 0.7867,
0.0000

237.6485,

 0.1518, 0.0000,

229.9358, 189.1549

0.0000

285.8683,
277.9966, 232.8367

0.0000, 0.0000,
0.0000

40.7137, 36.7731,
23.3644

40.7137, 36.7731,
23.3644

37.4291, 32.0581,
16.5531

44.5523, 42.1501,
31.7350

34.6678, 27.9733,
11.2006

48.9676, 48.2088,
41.7523

32.4005, 24.4916,
7.1984


53.9846, 54.9748,
53.4997


30.5930, 21.5820,
4.4212


59.6258, 62.4703,
67.0542


29.2059, 19.2100,
2.7197

65.9124, 70.7170,
82.4885

 28.3181, 17.6024,
1.9051

 72.8649, 79.7353,
99.8708

 78.2860, 88.6583,
107.5944

 80.1045, 92.2953,
108.2006

Harmonies

Analogous

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



43.7925, 36.7731, 31.4732



40.7137, 36.7731, 23.3644



36.2595, 36.7731, 19.9244

Triad

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



40.7137, 36.7731, 23.3644



26.9489, 36.7731, 36.4530



38.2866, 36.7731, 68.3537

Complementary

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



40.7137, 36.7731, 23.3644



36.0579, 41.7872, 66.4869

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.



33.6758, 36.7731, 70.5050



40.7137, 36.7731, 23.3644



27.3889, 36.7731, 50.0345

Square

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



40.7137, 36.7731, 23.3644



28.5016, 36.7731, 26.3250



29.7608, 36.7731, 63.2044



42.3083, 36.7731, 57.8427

Rectangle

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



40.7137, 36.7731, 23.3644



33.2176, 36.7731, 20.0744



29.7608, 36.7731, 63.2044



36.7452, 36.7731, 70.1580

Sweetspot

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



40.7146, 36.7749, 23.3651



84.2429, 85.6516, 82.8981



41.6410, 30.8294, 47.7147



17.7985, 18.0206, 17.1924



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.



40.7146, 36.7749, 23.3651



59.2062, 51.0108, 26.9755



48.8885, 53.1226, 26.0898



12.1150, 12.4207, 12.3709



17.5397, 11.0124, 1.2012



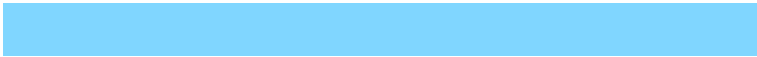
1.0521, 0.7586, 0.0910

Inverse Universe

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



36.0579, 41.7872, 66.4869



50.9132, 59.8429, 103.4752



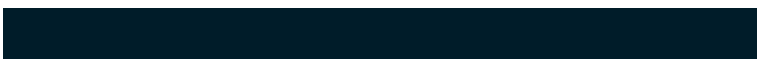
28.6163, 26.9040, 64.0064



11.8242, 12.7387, 15.0793



13.1274, 14.9014, 39.3769



0.8042, 0.9735, 2.2251

Previews

White Background



This preview shows how the XYZ color 40.7137, 36.7731, 23.3644 looks on a white background.

Color Contrast Check

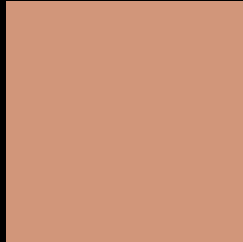
Large Text (above 18pt) WCAG AA × Fail

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 40.7137, 36.7731, 23.3644 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 40.7137, 36.7731, 23.3644

Background



This preview shows how black text looks on a background with the XYZ color 40.7137, 36.7731, 23.3644.



This preview shows how white text looks on a background with the XYZ color 40.7137, 36.7731,

23.3644.

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

40.7137, 36.7731, 23.3644

Protanopia

34.4490, 36.7516, 25.7002

Deuteranopia

37.5005, 36.8319, 23.2219



Tritanopia

43.2775, 36.6481, 36.2453

Trichromacy



Original Color

40.7137, 36.7731, 23.3644

Protanomaly

36.4863, 36.5249, 24.8656

Deuteranomaly

38.5600, 36.6338, 23.1279

Tritanomaly

42.3317, 36.7299, 31.2440

Monochromacy



Original Color

40.7137, 36.7731, 23.3644

Achromatopsia

35.2861, 37.1238, 40.4278

Achromatomaly

36.6453, 36.6695, 33.5803

CSS Examples

Text

The CSS property to change the color of the text to XYZ 40.7137, 36.7731, 23.3644 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(209, 150, 122)` looks like.

```
.text, #text, p{  
    color:rgb(209, 150, 122)  
}
```

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(209, 150, 122) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(209, 150, 122) }
```

Border

The CSS property to change the border of an element to XYZ 40.7137, 36.7731, 23.3644 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(209, 150, 122) }
```


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

```
.border{ border-color:rgb(209, 150, 122) }
```

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

Here you see how a box with a 4 pixel `rgb(209, 150, 122)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(209, 150, 122); -webkit-box-  
shadow:4px 4px 4px 4px rgb(209, 150, 122);  
box-shadow:4px 4px 4px 4px rgb(209, 150,  
122) }
```

Background

The CSS property to change the background color of an element to XYZ 40.7137, 36.7731, 23.3644 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(209, 150, 122) }
```

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

```
.background{ background-color: rgb(209,  
150, 122) }
```

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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