

Converting Colors

XYZ(37.7115, 37.4328, 23.9765)

Have a look what the booklet for
XYZ(37.7115, 37.4328, 23.9765)
contains.

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Color

**XYZ(37.7115, 37.4328,
23.9765)**

Conversions

Conversions Part 1

Format	Color
Hex	C09F7B
RGB	192, 159, 123
RGB Percent	75%, 62%, 48%
CMY	0.2471, 0.3765, 0.5176
CMYK	0.00, 0.17, 0.36, 0.25
HSL	31°, 35%, 62%
HSV	31°, 36%, 75%
XYZ	37.7115, 37.4328, 23.9765
YIQ	164.7630, 31.2240, -4.2000

Conversions

Conversions Part 2

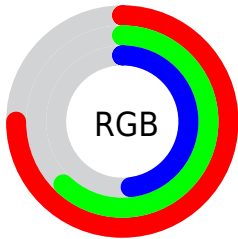
Format	Color
RYB	186, 192, 123
Decimal	12623739
CIELab	67.60, 7.06, 23.37
CIElCh	68, 24.409, 73.185
Yxy	37.4328, 0.3805, 0.3776
Android (android.graphics.Color)	4290813819 (0xFFC09F7B)
YUV	164.7630, -20.5892, 23.8868
Hunter-Lab	61.1824, 2.9545, 19.5927

Details

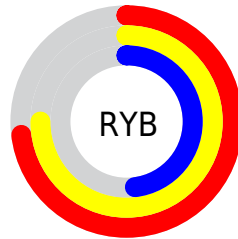
The XYZ color **37.7115, 37.4328, 23.9765** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **29.5709, 31.7925, 54.4472**, and the grayscale version is **35.7364, 37.5975, 40.9437**.

A 20% lighter version of the original color is **70.9500, 71.3675, 51.1101**, and **16.9151, 16.5379, 8.7792** is the 20% darker color. If you saturate the color by 10%, you get **35.1050, 33.9583, 17.7482**, and if you desaturate by 10%, it is **40.6729, 41.2396, 31.4869**.

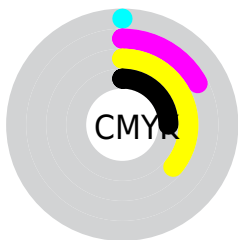
Distribution



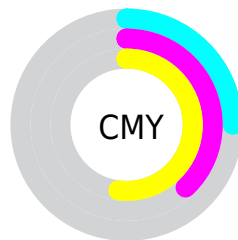
- Red (75%)
- Green (62%)
- Blue (48%)



- Red (73%)
- Yellow (75%)
- Blue (48%)



- Cyan (0%)
- Magenta (17%)
- Yellow (36%)
- Black (25%)





- Cyan (25%)
- Magenta (38%)
- Yellow (52%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 37.7115, 37.4328, 23.9765 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 37.7115, 37.4328, 23.9765 by changing the saturation by 10% instead.


 37.7115, 37.4328,
23.9765


 37.7115, 37.4328,
23.9765


327.6831,
335.1805, 285.9844


 25.9350, 25.5428,
15.1041

 70.9725, 71.2379,
50.9352

 16.9075, 16.4819,
8.7451

 93.1877, 93.9218,
69.8586

 10.2634, 9.8658,
4.4807


 119.6133,
120.9725, 92.9695

 5.6376, 5.3101,
1.8926

150.6145,
152.7742, 120.6864

 2.6645, 2.4303,
0.4880

186.5567,
189.7115, 153.4277

 0.9790, 0.8414,
0.0000

227.8053,

 0.0000, 0.0000,

232.1687, 191.6122

0.0000

274.7256,
280.5303, 235.6582

■ 37.7115, 37.4328,
23.9765

■ 37.7115, 37.4328,
23.9765

■ 35.1050, 33.9583,
17.7482

■ 40.6729, 41.2396,
31.4869

■ 32.8343, 30.8004,
12.7260

■ 44.0016, 45.3836,
40.3449

■ 30.8824, 27.9494,
8.8293

■ 47.7127, 49.8760,
50.6142

■ 29.2292, 25.3931,
5.9664

■ 51.8196, 54.7257,
62.3539

■ 27.8521, 23.1177,
4.0312

■ 56.3349, 59.9416,
75.6195

■ 26.7229, 21.1074,
2.8897

■ 61.2707, 65.5318,
90.4637

■ 26.3133, 20.3565,
2.5423

■ 66.2494, 71.3488,
104.8877

■ 68.7734, 76.3969,
105.7291

■ 71.4326, 81.7152,
106.6155

Harmonies

Analogous

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



41.1151, 37.4328, 28.1663



37.7115, 37.4328, 23.9765



33.9550, 37.4328, 23.7390

Triad

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



37.7115, 37.4328, 23.9765



28.9934, 37.4328, 45.6658



40.7596, 37.4328, 57.7967

Complementary

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



37.7115, 37.4328, 23.9765



29.5709, 31.7925, 54.4472

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.



37.2535, 37.4328, 64.4249



37.7115, 37.4328, 23.9765



30.5631, 37.4328, 56.6340

Square

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



37.7115, 37.4328, 23.9765



29.0969, 37.4328, 35.0567



33.5280, 37.4328, 63.9654



42.9581, 37.4328, 47.0461

Rectangle

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



37.7115, 37.4328, 23.9765



31.7664, 37.4328, 25.7688



33.5280, 37.4328, 63.9654



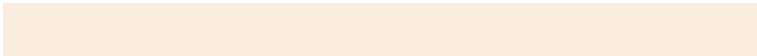
39.6846, 37.4328, 60.6590

Sweetspot

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



37.7125, 37.4345, 23.9773



82.8417, 86.0280, 81.6352



34.8518, 27.7849, 35.1345



17.5773, 18.2192, 16.9755



92.9021, 97.7402, 106.4391



19.4759, 20.4902, 22.3138

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



37.7125, 37.4345, 23.9773



64.6162, 62.8955, 34.5003



43.8730, 50.1863, 26.1139



10.4983, 10.9280, 10.6179



17.7845, 13.8547, 1.7369



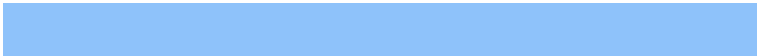
0.8371, 0.7360, 0.0979

Inverse Universe

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



29.5709, 31.7925, 54.4472



47.7248, 51.1933, 97.7262



24.9316, 22.2684, 52.8534



9.9167, 10.5248, 12.7937



9.0437, 7.8438, 34.5940



0.4597, 0.4769, 1.5177

Previews

White Background



This preview shows how the XYZ color 37.7115, 37.4328, 23.9765 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 37.7115, 37.4328, 23.9765 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 37.7115, 37.4328, 23.9765

Background



This preview shows how black text looks on a background with the XYZ color 37.7115, 37.4328, 23.9765.



This preview shows how white text looks on a background with the XYZ color 37.7115, 37.4328,

23.9765.

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

37.7115, 37.4328, 23.9765

Protanopia

35.1255, 37.6467, 25.1539

Deuteranopia

38.0501, 37.3531, 23.9433



Tritanopia

40.9477, 37.2348, 40.6262

Trichromacy



Original Color

37.7115, 37.4328, 23.9765

Protanomaly

36.0903, 37.6201, 24.7613

Deuteranomaly

37.7943, 37.2212, 23.9313

Tritanomaly

39.7320, 37.2468, 33.9494

Monochromacy



Original Color

37.7115, 37.4328, 23.9765

Achromatopsia

35.7637, 37.6262, 40.9749

Achromatomaly

36.2814, 37.5104, 34.1821

CSS Examples

Text

The CSS property to change the color of the text to XYZ 37.7115, 37.4328, 23.9765 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(192, 159, 123)` looks like.

```
.text, #text, p{  
    color:rgb(192, 159, 123)  
}
```

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(192, 159, 123) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(192, 159, 123) }
```

Border

The CSS property to change the border of an element to XYZ 37.7115, 37.4328, 23.9765 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(192, 159, 123) }
```


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

```
.border{ border-color:rgb(192, 159, 123) }
```

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

Here you see how a box with a 4 pixel `rgb(192, 159, 123)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(192, 159, 123); -webkit-box-  
shadow:4px 4px 4px 4px rgb(192, 159, 123);  
box-shadow:4px 4px 4px 4px rgb(192, 159,  
123) }
```

Background

The CSS property to change the background color of an element to XYZ 37.7115, 37.4328, 23.9765 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(192, 159, 123) }
```

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

```
.background{ background-color: rgb(192,  
159, 123) }
```

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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