

Converting Colors

XYZ(37.7803, 36.0970, 26.8062)

Have a look what the booklet for
XYZ(37.7803, 36.0970, 26.8062)
contains.

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Color

**XYZ(37.7128, 36.1146,
26.8129)**

Conversions

Conversions Part 1

Format	Color
Hex	C19A84
RGB	193, 154, 132
RGB Percent	76%, 60%, 52%
CMY	0.2431, 0.3961, 0.4823
CMYK	0.00, 0.20, 0.32, 0.24
HSL	22°, 33%, 64%
HSV	22°, 32%, 76%
XYZ	37.7128, 36.1146, 26.8129
YIQ	163.1530, 30.3060, 1.4260

Conversions

Conversions Part 2

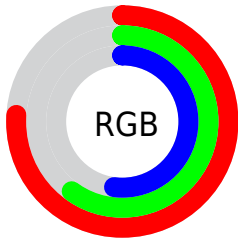
Format	Color
RYB	193, 166, 132
Decimal	12688004
CIELab	66.61, 11.35, 17.07
CIElCh	67, 20.494, 56.385
Yxy	36.1146, 0.3747, 0.3588
Android (android.graphics.Color)	4290878084 (0xFFC19A84)
YUV	163.1530, -15.3584, 26.1758
Hunter-Lab	60.0954, 6.8504, 15.6133

Details

The XYZ color **37.7128, 36.1146, 26.8129** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **33.7039, 37.8804, 55.9875**, and the grayscale version is **34.9461, 36.7660, 40.0382**.

A 20% lighter version of the original color is **70.7372, 68.9385, 55.4772**, and **16.8545, 15.7130, 10.1272** is the 20% darker color. If you saturate the color by 10%, you get **34.5797, 31.7700, 19.8444**, and if you desaturate by 10%, it is **41.3015, 40.9790, 35.1395**.

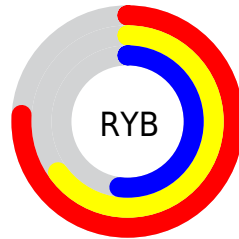
Distribution



Red (76%)

Green (60%)

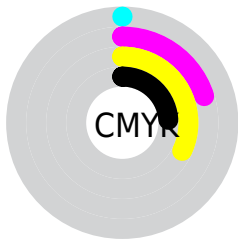
Blue (52%)



Red (76%)

Yellow (65%)

Blue (52%)

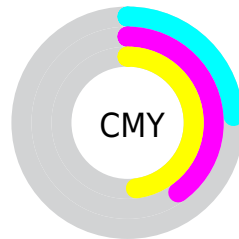


Cyan (0%)

Magenta (20%)

Yellow (32%)

Black (24%)



Cyan (24%)

Magenta (40%)

Yellow (48%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 37.7128, 36.1146, 26.8129 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 37.7128, 36.1146, 26.8129 by changing the saturation by 10% instead.


 37.7128, 36.1146,
26.8129


 37.7128, 36.1146,
26.8129


327.6885,
329.4612, 300.4815


 25.9361, 24.5227,
17.2016


 70.9745, 69.2089,
55.5836

 16.9082, 15.7218,
10.2148


 93.1901, 91.4801,
75.5800

 10.2640, 9.3275,
5.4342


 119.6161,
118.0799, 99.8752

 5.6379, 4.9554,
2.4410

150.6178,
149.3927, 128.8877

 2.6648, 2.2211,
0.8087

186.5605,
185.8028, 163.0360

 0.9791, 0.7315,
0.0000

227.8096,

 0.0000, 0.0000,

227.6946, 202.7387

0.0000

274.7305,
275.4526, 248.4144

■ 37.7128, 36.1146,
26.8129

■ 37.7128, 36.1146,
26.8129

■ 34.5797, 31.7700,
19.8444

■ 41.3015, 40.9790,
35.1395

■ 31.8796, 27.9222,
14.1586

■ 45.3614, 46.3751,
44.8896

■ 29.5920, 24.5537,
9.6761


■ 49.9109, 52.3209,
56.1270


■ 27.6935, 21.6439,
6.3076


■ 54.9664, 58.8317,
68.9110


■ 26.1577, 19.1707,
3.9510


■ 60.5436, 65.9226,
83.2976


 24.9544, 17.1094,
2.4853

 66.6575, 73.6077,
99.3399

 24.1588, 15.6703,
1.7514

 71.3120, 81.0967,
106.5024

 75.0761, 88.6249,
107.7571

 75.8024, 90.0775,
107.9992

Harmonies

Analogous

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



39.9139, 36.1146, 32.2513



37.7128, 36.1146, 26.8129



34.7009, 36.1146, 24.6982

Triad

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



37.7128, 36.1146, 26.8129



28.7439, 36.1146, 38.2620



37.0277, 36.1146, 56.5734

Complementary

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



37.7128, 36.1146, 26.8129



33.7039, 37.8804, 55.9875

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.



33.9535, 36.1146, 58.8127



37.7128, 36.1146, 26.8129



29.2853, 36.1146, 47.3588

Square

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



37.7128, 36.1146, 26.8129



29.6228, 36.1146, 30.6540



31.1480, 36.1146, 55.2202



39.5021, 36.1146, 49.4885

Rectangle

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



37.7128, 36.1146, 26.8129



32.6809, 36.1146, 25.1821



31.1480, 36.1146, 55.2202



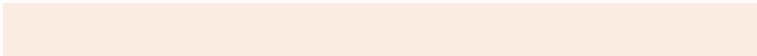
36.0251, 36.1146, 57.9595

Sweetspot

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



37.7137, 36.1163, 26.8136



83.1682, 85.5902, 85.1065



37.6567, 30.8055, 42.8154



17.5950, 18.0369, 17.6524



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.



37.7137, 36.1163, 26.8136



63.5388, 59.1482, 39.0509



43.2668, 47.2223, 28.6646



10.3640, 10.6594, 10.5731



16.1380, 10.5618, 1.1881



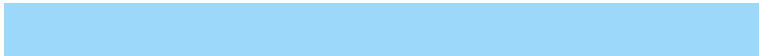
0.7630, 0.5877, 0.0732

Inverse Universe

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



33.7039, 37.8804, 55.9875



55.2104, 62.7884, 99.5698



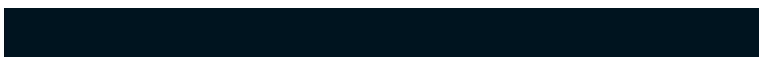
28.6887, 27.8502, 54.3158



10.0531, 10.7975, 12.8391



11.2227, 12.2018, 35.3203



0.5483, 0.6541, 1.5472

Previews

White Background



This preview shows how the XYZ color 37.7128, 36.1146, 26.8129 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 37.7128, 36.1146, 26.8129 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

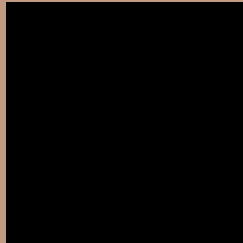
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 37.7128, 36.1146, 26.8129

Background



This preview shows how black text looks on a background with the XYZ color 37.7128, 36.1146, 26.8129.



This preview shows how white text looks on a background with the XYZ color 37.7128, 36.1146,

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

37.7128, 36.1146, 26.8129

Protanopia

34.1589, 36.2762, 28.4942

Deuteranopia

36.7924, 36.1342, 26.8652



Tritanopia

40.1043, 36.1217, 38.5767

Trichromacy



Original Color

37.7128, 36.1146, 26.8129

Protanomaly

35.3617, 36.1292, 28.0315

Deuteranomaly

37.1214, 36.0558, 26.8327

Tritanomaly

39.0773, 35.9373, 33.7312

Monochromacy



Original Color

37.7128, 36.1146, 26.8129

Achromatopsia

34.8123, 36.6253, 39.8849

Achromatomaly

35.6939, 36.4073, 34.8518

CSS Examples

Text

The CSS property to change the color of the text to XYZ 37.7128, 36.1146, 26.8129 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(193, 154, 132)` looks like.

```
.text, #text, p{  
    color:rgb(193, 154, 132)  
}
```

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(193, 154, 132) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(193, 154, 132) }
```

Border

The CSS property to change the border of an element to XYZ 37.7128, 36.1146, 26.8129 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(193, 154, 132) }
```


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

```
.border{ border-color:rgb(193, 154, 132) }
```

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

Here you see how a box with a 4 pixel `rgb(193, 154, 132)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(193, 154, 132); -webkit-box-shadow:4px 4px 4px 4px rgb(193, 154, 132); box-shadow:4px 4px 4px 4px rgb(193, 154, 132) }
```

Background

The CSS property to change the background color of an element to XYZ 37.7128, 36.1146, 26.8129 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(193, 154, 132) }
```

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

```
.background{ background-color: rgb(193,  
154, 132) }
```

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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