

Converting Colors

XYZ(37.7036, 33.8226, 33.8194)

Have a look what the booklet for
XYZ(37.7036, 33.8226, 33.8194)
contains.

XYZ(37.7036, 33.8226, 33.8194)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(37.7036, 33.8226,
33.8194)**

Conversions

Conversions Part 1

Format	Color
Hex	C19197
RGB	193, 145, 151
RGB Percent	76%, 57%, 59%
CMY	0.2431, 0.4314, 0.4078
CMYK	0.00, 0.25, 0.22, 0.24
HSL	353°, 28%, 66%
HSV	353°, 25%, 76%
XYZ	37.7036, 33.8226, 33.8194
YIQ	160.0360, 26.6820, 12.0420

Conversions

Conversions Part 2

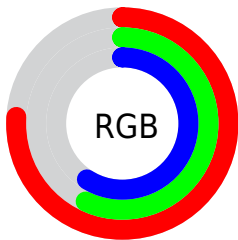
Format	Color
RYB	193, 145, 151
Decimal	12685719
CIELab	64.82, 19.01, 3.90
CIELCh	65, 19.410, 11.596
Yxy	33.8226, 0.3579, 0.3211
Android (android.graphics.Color)	4290875799 (0xFFC19197)
YUV	160.0360, -4.4547, 28.9094
Hunter-Lab	58.1572, 13.9473, 6.2319

Details

The XYZ color **37.7036, 33.8226, 33.8194** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **39.7180, 47.7483, 54.1389**, and the grayscale version is **33.4422, 35.1838, 38.3152**.

A 20% lighter version of the original color is **70.8672, 65.5786, 66.6804**, and **16.9504, 14.4145, 13.9455** is the 20% darker color. If you saturate the color by 10%, you get **33.7265, 27.9082, 26.2046**, and if you desaturate by 10%, it is **42.3801, 40.8207, 42.6375**.

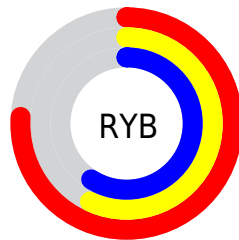
Distribution



Red (76%)

Green (57%)

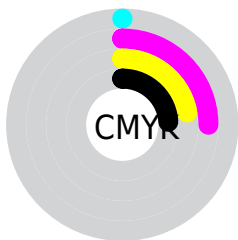
Blue (59%)



Red (76%)

Yellow (57%)

Blue (59%)

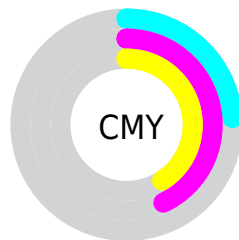


Cyan (0%)

Magenta (25%)

Yellow (22%)

Black (24%)



Cyan (24%)


Magenta (43%)


Yellow (41%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 37.7036, 33.8226, 33.8194 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 37.7036, 33.8226, 33.8194 by changing the saturation by 10% instead.


 37.7036, 33.8226,
33.8194


 37.7036, 33.8226,
33.8194


327.6497,
319.3403, 334.0706

 25.9289, 22.7573,
22.4787


 70.9604, 65.6577,
66.7834

 16.9029, 14.4144,
14.0074


 93.1733, 87.1963,
89.2437

 10.2601, 8.4095,
7.9870


119.5962,
112.9949, 116.2477

 5.6354, 4.3581,
3.9990

150.5946,
143.4378, 148.2138

 2.6632, 1.8758,
1.6248

186.5338,
178.9094, 185.5606

 0.9783, 0.5338,
0.3084

227.7791,

 0.0000, 0.0000,

219.7940, 228.7066

0.0000

274.6959,
266.4762, 278.0704

■ 37.7036, 33.8226,
33.8194

■ 37.7036, 33.8226,
33.8194

■ 33.7265, 27.9082,
26.2046

■ 42.3801, 40.8207,
42.6375

■ 30.4123, 23.0188,
19.7388

■ 47.7845, 48.9480,
52.7059

■ 27.7256, 19.0974,
14.3666

■ 53.9472, 58.2530,
64.0715

■ 25.6263, 16.0796,
10.0272

■ 60.8960, 68.7801,
76.7783

■ 24.0700, 13.8929,
6.6538

■ 68.6572, 80.5714,
90.8680

■ 23.0054, 12.4537,
4.1715

■ 75.3760, 89.9070,
105.7541

■ 22.3713, 11.6611,
2.4944

■ 75.8024, 90.0775,
107.9992

■ 22.1584, 11.4039,
1.9036

Harmonies

Analogous

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



37.5203, 33.8226, 41.9023



37.7036, 33.8226, 33.8194



36.3356, 33.8226, 27.5262

Triad

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



37.7036, 33.8226, 33.8194



28.7104, 33.8226, 26.4757



30.4806, 33.8226, 53.4440

Complementary

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



37.7036, 33.8226, 33.8194



39.7180, 47.7483, 54.1389

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.



28.2940, 33.8226, 48.0174



37.7036, 33.8226, 33.8194



27.3136, 33.8226, 32.1792

Square

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



37.7036, 33.8226, 33.8194



31.0793, 33.8226, 23.7155



27.1657, 33.8226, 40.0080



33.2397, 33.8226, 54.0524

Rectangle

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



37.7036, 33.8226, 33.8194



34.7717, 33.8226, 24.8814



27.1657, 33.8226, 40.0080



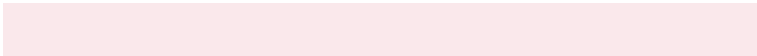
29.6585, 33.8226, 52.0898

Sweetspot

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



37.7045, 33.8242, 33.8201



83.2964, 84.2228, 90.1554



40.1478, 34.6171, 55.0180



17.7398, 17.8729, 19.0997



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.



37.7045, 33.8242, 33.8201



63.3877, 54.4114, 52.6720



40.1304, 39.4357, 32.2867



10.1233, 10.0979, 10.7397



14.7544, 7.5915, 1.3528



0.6547, 0.3349, 0.1491

Inverse Universe

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



37.7045, 33.8242, 33.8201



63.3877, 54.4114, 52.6720



36.7119, 40.6871, 56.3707



10.1233, 10.0979, 10.7397



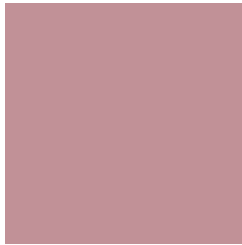
14.7544, 7.5915, 1.3528



0.6547, 0.3349, 0.1491

Previews

White Background



This preview shows how the XYZ color 37.7036, 33.8226, 33.8194 looks on a white background.

Color Contrast Check

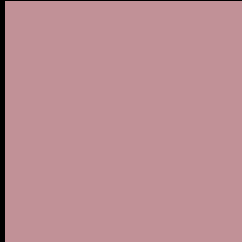
Large Text (above 18pt) WCAG AA × Fail

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 37.7036, 33.8226, 33.8194 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 37.7036, 33.8226, 33.8194

Background



This preview shows how black text looks on a background with the XYZ color 37.7036, 33.8226, 33.8194.



This preview shows how white text looks on a background with the XYZ color 37.7036, 33.8226,

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

37.7036, 33.8226, 33.8194

Protanopia

32.7257, 34.0561, 37.1964

Deuteranopia

34.6378, 33.8886, 33.5697



Tritanopia

38.1378, 33.7824, 35.5209

Trichromacy



Original Color

37.7036, 33.8226, 33.8194

Protanomaly

34.3209, 33.9197, 35.7486

Deuteranomaly

35.5439, 33.6420, 33.4743

Tritanomaly

38.0541, 33.7489, 35.0804

Monochromacy



Original Color

37.7036, 33.8226, 33.8194

Achromatopsia

33.4132, 35.1533, 38.2819

Achromatomaly

34.8204, 34.6477, 36.7507

CSS Examples

Text

The CSS property to change the color of the text to XYZ 37.7036, 33.8226, 33.8194 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, 145, 151)` looks like.

```
.text, #text, p{  
    color:rgb(193, 145, 151)  
}
```

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, 145, 151) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(193, 145, 151) }
```

Border

The CSS property to change the border of an element to XYZ 37.7036, 33.8226, 33.8194 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, 145, 151) }
```


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

```
.border{ border-color:rgb(193, 145, 151) }
```

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

Here you see how a box with a 4 pixel `rgb(193, 145, 151)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(193, 145, 151); -webkit-box-  
shadow:4px 4px 4px 4px rgb(193, 145, 151);  
box-shadow:4px 4px 4px 4px rgb(193, 145,  
151) }
```

Background

The CSS property to change the background color of an element to XYZ 37.7036, 33.8226, 33.8194 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(193, 145, 151) }
```

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

```
.background{ background-color: rgb(193,  
145, 151) }
```

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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