

Converting Colors

XYZ(37.3309, 31.9973, 22.1701)

Have a look what the booklet for
XYZ(37.3309, 31.9973, 22.1701)
contains.

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Color

**XYZ(37.4322, 31.9679,
22.2867)**

Conversions

Conversions Part 1

Format	Color
Hex	CD8879
RGB	205, 136, 121
RGB Percent	80%, 53%, 47%
CMY	0.1961, 0.4666, 0.5255
CMYK	0.00, 0.34, 0.41, 0.20
HSL	11°, 46%, 64%
HSV	11°, 41%, 80%
XYZ	37.4322, 31.9679, 22.2867
YIQ	154.9210, 45.9390, 9.9630

Conversions

Conversions Part 2

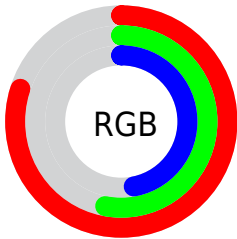
Format	Color
R_{YB}	205, 139, 121
Decimal	13469817
CIE _{Lab}	63.32, 24.62, 18.89
CIE _{LCh}	63, 31.027, 37.493
Yxy	31.9679, 0.4083, 0.3487
Android (android.graphics.Color)	4291659897 (0xFFCD8879)
YUV	154.9210, -16.7231, 43.9193
Hunter-Lab	56.5402, 19.2300, 16.2075

Details

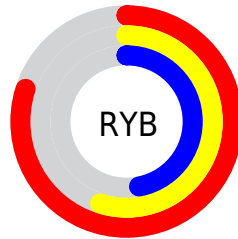
The XYZ color **37.4322, 31.9679, 22.2867** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **37.3173, 45.2979, 64.5342**, and the grayscale version is **31.1789, 32.8026, 35.7220**.

A 20% lighter version of the original color is **67.1963, 61.1040, 47.7878**, and **16.6309, 13.2608, 7.8139** is the 20% darker color. If you saturate the color by 10%, you get **34.1182, 27.1424, 15.6250**, and if you desaturate by 10%, it is **41.3876, 37.6485, 30.4808**.

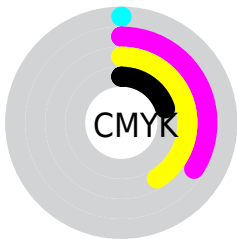
Distribution



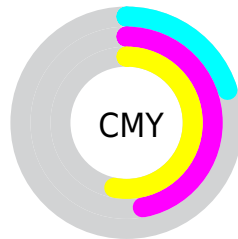
- Red (80%)
- Green (53%)
- Blue (47%)



- Red (80%)
- Yellow (55%)
- Blue (47%)



- Cyan (0%)
- Magenta (34%)
- Yellow (41%)
- Black (20%)





- Cyan (20%)
- Magenta (47%)
- Yellow (53%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 37.4322, 31.9679, 22.2867 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 37.4322, 31.9679, 22.2867 by changing the saturation by 10% instead.


 37.4322, 31.9679,
22.2867


 37.4322, 31.9679,
22.2867


326.5011,
310.9730, 277.0420

 25.7175, 21.3370,
13.8674


 70.5465, 62.7608,
48.1276

 16.7440, 13.3705,
7.8908


 92.6769, 83.6915,
66.3864

 10.1463, 7.6842,
3.9384


 119.0099,
108.8243, 88.7620

 5.5591, 3.8935,
1.5916

149.9108,
138.5435, 115.6730

 2.6170, 1.6142,
0.2848

185.7450,
173.2336, 147.5379

 0.9546, 0.3671,
0.0000

226.8779,

 0.0000, 0.0000,

213.2790, 184.7754

0.0000

273.6748,
259.0640, 227.8039

■ 37.4322, 31.9679,
22.2867

■ 37.4322, 31.9679,
22.2867

■ 34.1182, 27.1424,
15.6250

■ 41.3876, 37.6485,
30.4808

■ 31.4086, 23.1259,
10.3980

■ 46.0137, 44.2181,
40.2927

■ 29.2666, 19.8747,
6.4998


■ 51.3409, 51.7146,
51.8040


■ 27.6499, 17.3392,
3.8091

■ 57.3971, 60.1723,
65.0899


■ 26.5099, 15.4639,
2.1816

■ 64.2086, 69.6235,
80.2214

 25.8266, 14.2786,
1.3948

 71.8004, 80.0993,
97.2653

 78.6283, 91.0021,
108.0288

 78.9868, 91.7191,
108.1483

Harmonies

Analogous

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



39.3467, 31.9679, 31.8084



37.4322, 31.9679, 22.2867



33.6625, 31.9679, 17.1872

Triad

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



37.4322, 31.9679, 22.2867



23.3648, 31.9679, 26.5033



31.4762, 31.9679, 63.9777

Complementary

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



37.4322, 31.9679, 22.2867



37.3173, 45.2979, 64.5342

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.



27.3266, 31.9679, 61.6036



37.4322, 31.9679, 22.2867



22.8984, 31.9679, 37.9897

Square

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



37.4322, 31.9679, 22.2867



25.6223, 31.9679, 19.1906



24.2821, 31.9679, 51.3115



35.7031, 31.9679, 57.1925

Rectangle

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



37.4322, 31.9679, 22.2867



30.7478, 31.9679, 16.0979



24.2821, 31.9679, 51.3115



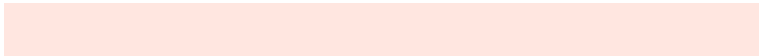
30.0242, 31.9679, 64.2477

Sweetspot

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



37.4330, 31.9695, 22.2873



83.0084, 83.1826, 82.4866



41.4184, 30.4158, 52.9782



17.5096, 17.4429, 17.0961



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.



37.4330, 31.9695, 22.2873



56.5608, 45.4495, 26.9282



44.3503, 45.8041, 24.5931



11.3717, 11.5323, 11.7060



16.1279, 8.9888, 0.8850



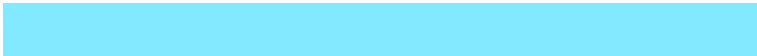
0.8827, 0.5652, 0.0626

Inverse Universe

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



37.3173, 45.2979, 64.5342



56.3123, 70.0672, 105.1641



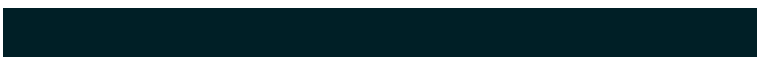
29.6523, 29.9680, 61.9792



11.3662, 12.3729, 14.3595



15.6844, 20.3927, 39.0658



0.8549, 1.1435, 2.0306

Previews

White Background



This preview shows how the XYZ color 37.4322, 31.9679, 22.2867 looks on a white background.

Color Contrast Check

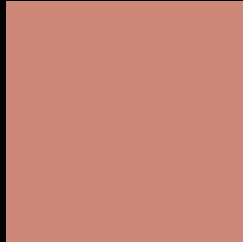
Large Text (above 18pt) WCAG AA × Fail

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 37.4322, 31.9679, 22.2867 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 37.4322, 31.9679, 22.2867

Background



This preview shows how black text looks on a background with the XYZ color 37.4322, 31.9679, 22.2867.



This preview shows how white text looks on a background with the XYZ color 37.4322, 31.9679,

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

37.4322, 31.9679, 22.2867

Protanopia

30.2540, 32.0488, 25.3604

Deuteranopia

32.5859, 31.9026, 21.8931



Tritanopia

39.0776, 32.0236, 30.1082

Trichromacy



Original Color

37.4322, 31.9679, 22.2867

Protanomaly

32.5597, 31.8388, 24.1681

Deuteranomaly

34.1989, 31.8198, 22.1087

Tritanomaly

38.3519, 31.9213, 27.0617

Monochromacy



Original Color

37.4322, 31.9679, 22.2867

Achromatopsia

31.1553, 32.7778, 35.6950

Achromatomaly

32.7814, 32.0472, 30.4446

CSS Examples

Text

The CSS property to change the color of the text to XYZ 37.4322, 31.9679, 22.2867 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(205, 136, 121)` looks like.

```
.text, #text, p{  
    color:rgb(205, 136, 121)  
}
```

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(205, 136, 121) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(205, 136, 121) }
```

Border

The CSS property to change the border of an element to XYZ 37.4322, 31.9679, 22.2867 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(205, 136, 121) }
```


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

```
.border{ border-color:rgb(205, 136, 121) }
```

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

Here you see how a box with a 4 pixel rgb(205, 136, 121) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(205, 136, 121); -webkit-box-  
shadow:4px 4px 4px 4px rgb(205, 136, 121);  
box-shadow:4px 4px 4px 4px rgb(205, 136,  
121) }
```

Background

The CSS property to change the background color of an element to XYZ 37.4322, 31.9679, 22.2867 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(205, 136, 121) }
```

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

```
.background{ background-color: rgb(205,  
136, 121) }
```

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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