

Converting Colors

XYZ(37.3291, 35.2258, 22.1288)

Have a look what the booklet for
XYZ(37.3291, 35.2258, 22.1288)
contains.

XYZ(37.4223, 35.3354, 22.3008)	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(37.4223, 35.3354,
22.3008)**

Conversions

Conversions Part 1

Format	Color
Hex	C59777
RGB	197, 151, 119
RGB Percent	77%, 59%, 47%
CMY	0.2275, 0.4078, 0.5333
CMYK	0.00, 0.23, 0.40, 0.23
HSL	25°, 40%, 62%
HSV	25°, 40%, 77%
XYZ	37.4223, 35.3354, 22.3008
YIQ	161.1060, 37.6880, -0.2000

Conversions

Conversions Part 2

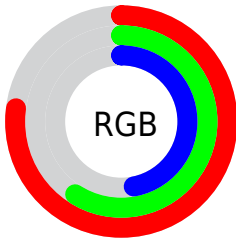
Format	Color
R_{YB}	197, 173, 119
Decimal	12949367
CIE _{Lab}	66.01, 12.98, 23.50
CIE _{LCh}	66, 26.849, 61.091
Yxy	35.3354, 0.3937, 0.3717
Android (android.graphics.Color)	4291139447 (0xFFC59777)
YUV	161.1060, -20.7583, 31.4790
Hunter-Lab	59.4436, 8.3472, 19.3673

Details

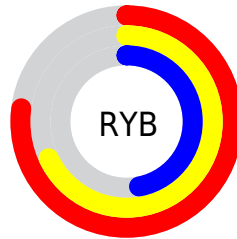
The XYZ color **37.4223, 35.3354, 22.3008** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **31.1404, 34.8621, 57.9110**, and the grayscale version is **34.0075, 35.7785, 38.9628**.

A 20% lighter version of the original color is **70.4220, 67.8629, 47.9153**, and **16.6472, 15.2193, 7.8546** is the 20% darker color. If you saturate the color by 10%, you get **34.5814, 31.3548, 16.1095**, and if you desaturate by 10%, it is **40.6945, 39.7860, 29.8465**.

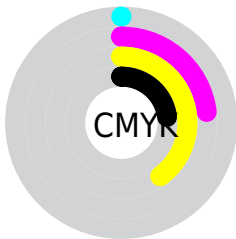
Distribution



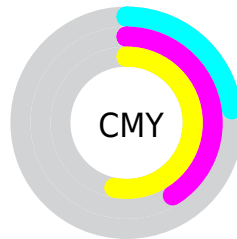
- Red (77%)
- Green (59%)
- Blue (47%)



- Red (77%)
- Yellow (68%)
- Blue (47%)



- Cyan (0%)
- Magenta (23%)
- Yellow (40%)
- Black (23%)





- Cyan (23%)
- Magenta (41%)
- Yellow (53%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 37.4223, 35.3354, 22.3008 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 37.4223, 35.3354, 22.3008 by changing the saturation by 10% instead.


 37.4223, 35.3354,
22.3008


 37.4223, 35.3354,
22.3008


326.4591,
326.0463, 277.1177

 25.7098, 23.9214,
13.8777


 70.5314, 68.0050,
48.1512

 16.7382, 15.2753,
7.8978


 92.6588, 90.0294,
66.4155

 10.1422, 9.0128,
3.9428


 118.9884,
116.3593, 88.7974

 5.5563, 4.7495,
1.5940

149.8858,
147.3792, 115.7152

 2.6153, 2.1011,
0.2866

185.7162,
183.4735, 147.5877

 0.9538, 0.6652,
0.0000

226.8450,

 0.0000, 0.0000,

225.0265, 184.8332

0.0000

273.6375,
272.4226, 227.8703

■ 37.4223, 35.3354,
22.3008

■ 37.4223, 35.3354,
22.3008

■ 34.5814, 31.3548,
16.1095

■ 40.6945, 39.7860,
29.8465

■ 32.1486, 27.8224,
11.1883

■ 44.4143, 44.7172,
38.8196

■ 30.1021, 24.7219,
7.4466


■ 48.6005, 50.1457,
49.2904


■ 28.4170, 22.0341,
4.7808


■ 53.2698, 56.0858,
61.3240


■ 27.0641, 19.7374,
3.0687


■ 58.4380, 62.5509,
74.9815


 25.9954, 17.8022,
2.0891

 64.1203, 69.5544,
90.3208

 25.9558, 17.7301,
2.0542

 70.0235, 76.9855,
105.7768

 73.4085, 83.7555,
106.9051

 76.8359, 90.6103,
108.0476

Harmonies

Analogous

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



40.5742, 35.3354, 28.2299



37.4223, 35.3354, 22.3008



33.4398, 35.3354, 20.4581

Triad

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



37.4223, 35.3354, 22.3008



26.5002, 35.3354, 38.8929



37.6941, 35.3354, 60.4603

Complementary

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



37.4223, 35.3354, 22.3008



31.1404, 34.8621, 57.9110

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.



33.7311, 35.3354, 64.8108



37.4223, 35.3354, 22.3008



27.4488, 35.3354, 50.9381

Square

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



37.4223, 35.3354, 22.3008



27.3216, 35.3354, 28.8218



30.0199, 35.3354, 61.0259



40.7397, 35.3354, 50.0719

Rectangle

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



37.4223, 35.3354, 22.3008



30.9060, 35.3354, 21.4342



30.0199, 35.3354, 61.0259



36.4150, 35.3354, 62.7599

Sweetspot

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



37.4232, 35.3371, 22.3015



85.0202, 87.2062, 83.1572



36.4875, 27.8101, 39.4253



17.9808, 18.3852, 17.2532



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.



37.4232, 35.3371, 22.3015



62.3429, 56.7361, 29.7110



44.5964, 49.6835, 24.6926



10.9853, 11.3397, 11.1726



17.1502, 11.8176, 1.3771



0.8830, 0.7015, 0.0889

Inverse Universe

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



31.1404, 34.8621, 57.9110



49.4380, 55.7305, 102.7591



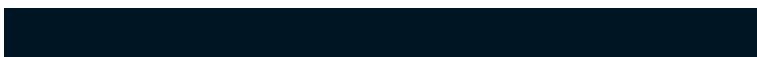
25.2497, 23.0807, 55.9475



10.5677, 11.3095, 13.5435



10.8333, 11.0606, 36.3083



0.5830, 0.6638, 1.7425

Previews

White Background



This preview shows how the XYZ color 37.4223, 35.3354, 22.3008 looks on a white background.

Color Contrast Check

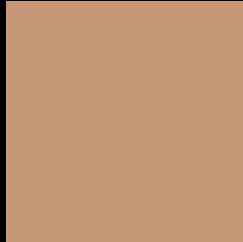
Large Text (above 18pt) WCAG AA × Fail

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 37.4223, 35.3354, 22.3008 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

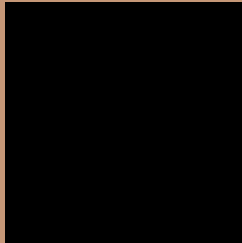
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 37.4223, 35.3354, 22.3008

Background



This preview shows how black text looks on a background with the XYZ color 37.4223, 35.3354, 22.3008.



This preview shows how white text looks on a background with the XYZ color 37.4223, 35.3354,

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

37.4223, 35.3354, 22.3008

Protanopia

33.1592, 35.3423, 23.8130

Deuteranopia

36.0608, 35.3664, 22.0653



Tritanopia

40.4521, 35.4096, 36.6010

Trichromacy



Original Color

37.4223, 35.3354, 22.3008

Protanomaly

34.6259, 35.3428, 23.4092

Deuteranomaly

36.6536, 35.4279, 22.0460

Tritanomaly

39.3672, 35.4423, 30.7528

Monochromacy



Original Color

37.4223, 35.3354, 22.3008

Achromatopsia

33.8758, 35.6400, 38.8120

Achromatomaly

34.7008, 35.1879, 32.1571

CSS Examples

Text

The CSS property to change the color of the text to XYZ 37.4223, 35.3354, 22.3008 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(197, 151, 119)` looks like.

```
.text, #text, p{  
    color:rgb(197, 151, 119)  
}
```

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(197, 151, 119) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(197, 151, 119) }
```

Border

The CSS property to change the border of an element to XYZ 37.4223, 35.3354, 22.3008 is called "border". The border property can be set on classes, ids or directly on the HTML element.

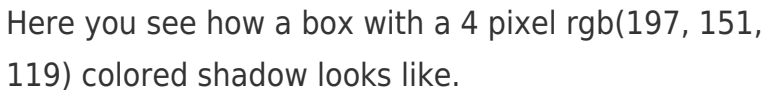
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(197, 151, 119) }
```


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

```
.border{ border-color:rgb(197, 151, 119) }
```

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



Here you see how a box with a 4 pixel `rgb(197, 151, 119)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(197, 151, 119); -webkit-box-shadow:4px 4px 4px 4px rgb(197, 151, 119); box-shadow:4px 4px 4px 4px rgb(197, 151, 119) }
```

Background

The CSS property to change the background color of an element to XYZ 37.4223, 35.3354, 22.3008 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(197, 151, 119) }
```

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

```
.background{ background-color: rgb(197,  
151, 119) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor