

Converting Colors

XYZ(35.4348, 33.5370, 20.3142)

Have a look what the booklet for
XYZ(35.4348, 33.5370, 20.3142)
contains.

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Color

**XYZ(35.5629, 33.7095,
20.2550)**

Conversions

Conversions Part 1

Format	Color
Hex	C19471
RGB	193, 148, 113
RGB Percent	76%, 58%, 44%
CMY	0.2431, 0.4196, 0.5569
CMYK	0.00, 0.23, 0.41, 0.24
HSL	26°, 39%, 60%
HSV	26°, 41%, 76%
XYZ	35.5629, 33.7095, 20.2550
YIQ	157.4650, 38.0550, -1.3450

Conversions

Conversions Part 2

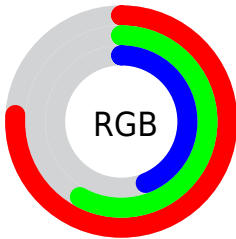
Format	Color
RYB	193, 175, 113
Decimal	12686449
CIELab	64.73, 12.31, 25.02
CIELCh	65, 27.887, 63.797
Yxy	33.7095, 0.3972, 0.3765
Android (android.graphics.Color)	4290876529 (0xFFC19471)
YUV	157.4650, -21.9212, 31.1642
Hunter-Lab	58.0599, 7.7302, 19.9578

Details

The XYZ color **35.5629, 33.7095, 20.2550** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **28.6622, 31.8136, 55.0822**, and the grayscale version is **32.3419, 34.0262, 37.0545**.

A 20% lighter version of the original color is **67.6957, 65.4669, 44.6657**, and **15.7101, 14.3343, 6.9398** is the 20% darker color. If you saturate the color by 10%, you get **32.9663, 30.0742, 14.5869**, and if you desaturate by 10%, it is **38.5520, 37.7599, 27.1946**.

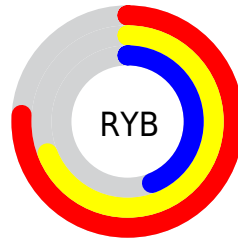
Distribution



Red (76%)

Green (58%)

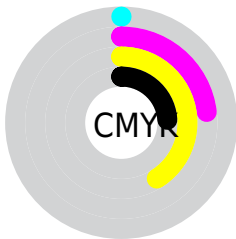
Blue (44%)



Red (76%)

Yellow (69%)

Blue (44%)

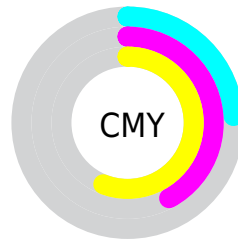


Cyan (0%)

Magenta (23%)

Yellow (41%)

Black (24%)



Cyan (24%)


Magenta (42%)


Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 35.5629, 33.7095, 20.2550 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 35.5629, 33.7095, 20.2550 by changing the saturation by 10% instead.


 35.5629, 33.7095,
20.2550


 35.5629, 33.7095,
20.2550


318.5107,
318.8348, 265.9420

 24.2653, 22.6705,
12.3946


 67.6852, 65.4817,
44.7089


 15.6564, 14.3504,
6.8872


 89.2406, 86.9836,
62.1395

 9.3706, 8.3648,
3.3143


 114.9460,
112.7421, 83.5972

 5.0427, 4.3292,
1.2573

 145.1668,
143.1413, 109.5006

 2.3074, 1.8594,
0.0264

180.2683,
178.5658, 140.2683

 0.7984, 0.5238,
0.0000

220.6159,

 0.0000, 0.0000,

219.4000, 176.3187

0.0000

266.5749,
266.0282, 218.0704

■ 35.5629, 33.7095,
20.2550

■ 35.5629, 33.7095,
20.2550

■ 32.9663, 30.0742,
14.5869

■ 38.5520, 37.7599,
27.1946

■ 30.7405, 26.8344,
10.1090

■ 41.9487, 42.2343,
35.4760

■ 28.8653, 23.9761,
6.7337


■ 45.7704, 47.1474,
45.1668


■ 27.3171, 21.4822,
4.3599


■ 50.0325, 52.5117,
56.3295


■ 26.0683, 19.3336,
2.8679


■ 54.7498, 58.3390,
69.0226

 25.1975, 17.7478,
2.0976

 59.9361, 64.6408,
83.3014

 65.6049, 71.4280,
99.2188

 69.7070, 77.8867,
105.9674

 72.9077, 84.2882,
107.0343

Harmonies

Analogous

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



38.8769, 33.7095, 25.7492



35.5629, 33.7095, 20.2550



31.5324, 33.7095, 18.7987

Triad

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



35.5629, 33.7095, 20.2550



24.9520, 33.7095, 38.1844



36.5186, 33.7095, 58.2585

Complementary

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



35.5629, 33.7095, 20.2550



28.6622, 31.8136, 55.0822

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.



32.5527, 33.7095, 63.4102



35.5629, 33.7095, 20.2550



26.0554, 33.7095, 50.3939

Square

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



35.5629, 33.7095, 20.2550



25.6135, 33.7095, 27.7993



28.7575, 33.7095, 60.2692



39.4602, 33.7095, 47.3320

Rectangle

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



35.5629, 33.7095, 20.2550



29.0311, 33.7095, 19.9928



28.7575, 33.7095, 60.2692



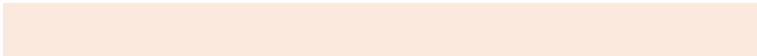
35.2497, 33.7095, 60.8156

Sweetspot

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



35.5637, 33.7111, 20.2557



81.4435, 83.7648, 79.5248



34.0980, 25.6282, 35.6483



17.2715, 17.7142, 16.5452



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.



35.5637, 33.7111, 20.2557



59.3320, 54.2750, 26.7343



42.8852, 48.3541, 22.6962



10.4277, 10.7868, 10.5943



16.8360, 11.9578, 1.4207



0.7959, 0.6536, 0.0842

Inverse Universe

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



28.6622, 31.8136, 55.0822



45.2560, 50.3846, 97.7002



22.9538, 20.3969, 53.1794



9.9877, 10.6667, 12.8173



10.0886, 9.9337, 34.9423



0.5035, 0.5645, 1.5323

Previews

White Background



This preview shows how the XYZ color 35.5629, 33.7095, 20.2550 looks on a white background.

Color Contrast Check

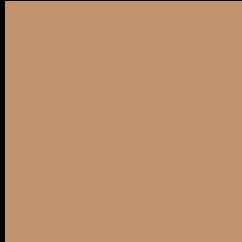
Large Text (above 18pt) WCAG AA × Fail

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 35.5629, 33.7095, 20.2550 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

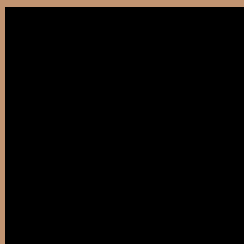
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 35.5629, 33.7095, 20.2550

Background



This preview shows how black text looks on a background with the XYZ color 35.5629, 33.7095, 20.2550.



This preview shows how white text looks on a background with the XYZ color 35.5629, 33.7095,

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

35.5629, 33.7095, 20.2550

Protanopia

31.6300, 33.8333, 21.6930

Deuteranopia

34.4848, 33.8679, 20.0488



Tritanopia

38.6812, 33.8483, 35.0665

Trichromacy



Original Color

35.5629, 33.7095, 20.2550

Protanomaly

33.0681, 33.8371, 21.3113

Deuteranomaly

34.8172, 33.8014, 20.0185

Tritanomaly

37.5505, 33.8506, 28.9808

Monochromacy



Original Color

35.5629, 33.7095, 20.2550

Achromatopsia

32.0474, 33.7164, 36.7171

Achromatomaly

32.9409, 33.5803, 29.9448

CSS Examples

Text

The CSS property to change the color of the text to XYZ 35.5629, 33.7095, 20.2550 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, 148, 113)` looks like.

```
.text, #text, p{  
    color:rgb(193, 148, 113)  
}
```

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, 148, 113) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(193, 148, 113) }
```

Border

The CSS property to change the border of an element to XYZ 35.5629, 33.7095, 20.2550 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, 148, 113) }
```


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

```
.border{ border-color:rgb(193, 148, 113) }
```

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

Here you see how a box with a 4 pixel `rgb(193, 148, 113)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(193, 148, 113); -webkit-box-  
shadow:4px 4px 4px 4px rgb(193, 148, 113);  
box-shadow:4px 4px 4px 4px rgb(193, 148,  
113) }
```

Background

The CSS property to change the background color of an element to XYZ 35.5629, 33.7095, 20.2550 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(193, 148, 113) }
```

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

```
.background{ background-color: rgb(193,  
148, 113) }
```

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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