

Converting Colors

XYZ(36.1504, 33.0871, 23.6963)

Have a look what the booklet for
XYZ(36.1504, 33.0871, 23.6963)
contains.

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Color

**XYZ(36.1170, 33.0039,
23.5356)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|---------------------------|
| Hex | C3907C |
| RGB | 195, 144, 124 |
| RGB Percent | 76%, 56%, 49% |
| CMY | 0.2353, 0.4353, 0.5137 |
| CMYK | 0.00, 0.26, 0.36, 0.24 |
| HSL | 17°, 37%, 63% |
| HSV | 17°, 36%, 76% |
| XYZ | 36.1170, 33.0039, 23.5356 |
| YIQ | 156.9690, 36.8160, 4.5920 |

Conversions

Conversions Part 2

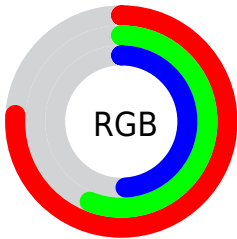
| Format | Color |
|-------------------------------------|---|
| RYB | 195, 152, 124 |
| Decimal | 12816508 |
| CIELab | 64.16, 16.62, 18.19 |
| CIELCh | 64, 24.636, 47.575 |
| Yxy | 33.0039, 0.3898, 0.3562 |
| Android (android.graphics.Color) | 4291006588 (0xFFC3907C) |
| YUV | 156.9690, -16.2537, 33.3532 |
| Hunter-Lab | 57.4490, 11.6834, 15.9245 |

Details

The XYZ color **36.1170, 33.0039, 23.5356** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **33.4918, 38.8836, 57.3697**, and the grayscale version is **32.0938, 33.7652, 36.7703**.

A 20% lighter version of the original color is **68.6379, 64.4451, 50.4165**, and **15.9996, 13.9122, 8.4987** is the 20% darker color. If you saturate the color by 10%, you get **33.0124, 28.5769, 17.0065**, and if you desaturate by 10%, it is **39.7304, 38.0580, 31.4380**.

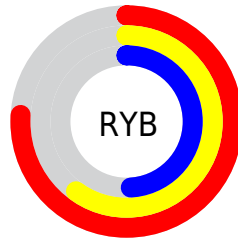
Distribution



Red (76%)

Green (56%)

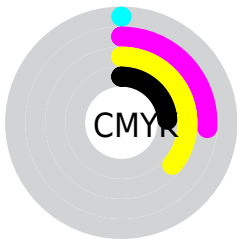
Blue (49%)



Red (76%)

Yellow (60%)

Blue (49%)

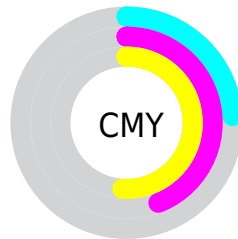


Cyan (0%)

Magenta (26%)

Yellow (36%)

Black (24%)



Cyan (24%)


Magenta (44%)


Yellow (51%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 36.1170, 33.0039, 23.5356 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 36.1170, 33.0039, 23.5356 by changing the saturation by 10% instead.


 36.1170, 33.0039,
23.5356


 36.1170, 33.0039,
23.5356


320.8940,
315.6673, 283.6747


 24.6951, 22.1294,
14.7805


 68.5353, 64.3816,
50.2056

 15.9776, 13.9520,
8.5206

 90.2624, 85.6537,
68.9575

 9.5990, 8.0873,
4.3373


 116.1553,
111.1603, 91.8789

 5.1941, 4.1509,
1.8121

146.5793,
141.2861, 119.3881

 2.3975, 1.7583,
0.4360

181.8999,
176.4152, 151.9037

 0.8439, 0.4610,
0.0000

222.4822,

 0.0000, 0.0000,

216.9322, 189.8443

0.0000

268.6918,
263.2215, 233.6285

■ 36.1170, 33.0039,
23.5356

■ 36.1170, 33.0039,
23.5356

■ 33.0124, 28.5769,
17.0065

■ 39.7304, 38.0580,
31.4380

■ 30.3900, 24.7473,
11.7696

■ 43.8723, 43.7579,
40.7847

■ 28.2245, 21.4899,
7.7379


■ 48.5647, 50.1276,
51.6440


■ 26.4870, 18.7759,
4.8130


■ 53.8273, 57.1881,
64.0792

■ 25.1449, 16.5733,
2.8806


■ 59.6789, 64.9598,
78.1503

 24.1583, 14.8461,
1.7933

 66.1374, 73.4618,
93.9137

 23.8690, 14.3289,
1.5077

 72.3214, 82.3536,
106.6918

 76.3156, 90.3421,
108.0232

Harmonies

Analogous

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



38.2104, 33.0039, 30.4401



36.1170, 33.0039, 23.5356



32.8352, 33.0039, 20.2467

Triad

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



36.1170, 33.0039, 23.5356



25.2623, 33.0039, 31.9575



33.4391, 33.0039, 57.5440

Complementary

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



36.1170, 33.0039, 23.5356



33.4918, 38.8836, 57.3697

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.



29.9475, 33.0039, 58.1578



36.1170, 33.0039, 23.5356



25.3976, 33.0039, 42.0558

Square

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



36.1170, 33.0039, 23.5356



26.6725, 33.0039, 24.4683



27.0569, 33.0039, 52.0683



36.5873, 33.0039, 50.5208

Rectangle

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



36.1170, 33.0039, 23.5356



30.4930, 33.0039, 20.0547



27.0569, 33.0039, 52.0683



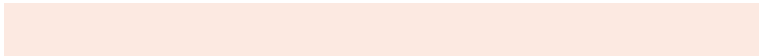
32.2620, 33.0039, 58.5479

Sweetspot

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



36.1179, 33.0055, 23.5363



82.8540, 84.1961, 82.8905



37.5565, 29.1549, 44.7570



17.8910, 18.0942, 17.5669



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.



36.1179, 33.0055, 23.5363



60.0236, 52.4740, 32.3096



42.1506, 45.0709, 25.5472



10.2991, 10.5297, 10.5515



15.5760, 9.4377, 1.0007



0.7334, 0.5286, 0.0634

Inverse Universe

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



33.4918, 38.8836, 57.3697



54.5869, 64.5462, 102.0514



27.6239, 27.1478, 55.4137



10.1209, 10.9332, 12.8617



12.5771, 14.9106, 35.7718



0.5993, 0.7561, 1.5642

Previews

White Background



This preview shows how the XYZ color 36.1170, 33.0039, 23.5356 looks on a white background.

Color Contrast Check

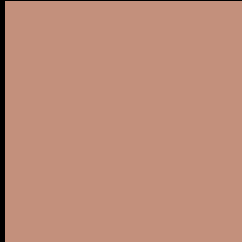
Large Text (above 18pt) WCAG AA × Fail

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 36.1170, 33.0039, 23.5356 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 36.1170, 33.0039, 23.5356

Background



This preview shows how black text looks on a background with the XYZ color 36.1170, 33.0039, 23.5356.



This preview shows how white text looks on a background with the XYZ color 36.1170, 33.0039,

23.5356.

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

36.1170, 33.0039, 23.5356

Protanopia

31.2008, 33.0270, 25.4993

Deuteranopia

33.7729, 33.1878, 23.3648



Tritanopia

38.2527, 32.9963, 33.6309

Trichromacy



Original Color

36.1170, 33.0039, 23.5356

Protanomaly

32.8019, 32.8956, 24.6993

Deuteranomaly

34.6586, 33.1747, 23.3155

Tritanomaly

37.3586, 32.8432, 29.5697

Monochromacy



Original Color

36.1170, 33.0039, 23.5356

Achromatopsia

32.0474, 33.7164, 36.7171

Achromatomaly

33.1337, 33.1587, 31.4420

CSS Examples

Text

The CSS property to change the color of the text to XYZ 36.1170, 33.0039, 23.5356 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(195, 144, 124)` looks like.

```
.text, #text, p{  
    color:rgb(195, 144, 124)  
}
```

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(195, 144, 124) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(195, 144, 124) }
```

Border

The CSS property to change the border of an element to XYZ 36.1170, 33.0039, 23.5356 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(195, 144, 124) }
```


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

```
.border{ border-color:rgb(195, 144, 124) }
```

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

Here you see how a box with a 4 pixel `rgb(195, 144, 124)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(195, 144, 124); -webkit-box-  
shadow:4px 4px 4px 4px rgb(195, 144, 124);  
box-shadow:4px 4px 4px 4px rgb(195, 144,  
124) }
```

Background

The CSS property to change the background color of an element to XYZ 36.1170, 33.0039, 23.5356 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(195, 144, 124) }
```

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

```
.background{ background-color: rgb(195,  
144, 124) }
```

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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