

Converting Colors

XYZ(37.7739, 33.3395, 30.3166)

Have a look what the booklet for
XYZ(37.7739, 33.3395, 30.3166)
contains.

XYZ(37.6569, 33.1995, 30.4100)	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(37.6569, 33.1995,
30.4100)**

Conversions

Conversions Part 1

Format	Color
Hex	C58E8F
RGB	197, 142, 143
RGB Percent	77%, 56%, 56%
CMY	0.2274, 0.4431, 0.4392
CMYK	0.00, 0.28, 0.27, 0.23
HSL	359°, 32%, 66%
HSV	359°, 28%, 77%
XYZ	37.6569, 33.1995, 30.4100
YIQ	158.5590, 32.4590, 11.9710

Conversions

Conversions Part 2

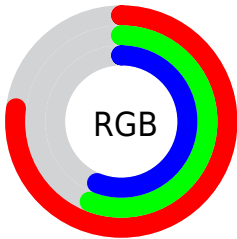
Format	Color
R_{YB}	197, 142, 143
Decimal	12947087
CIE _{Lab}	64.32, 21.01, 7.75
CIE _{LCh}	64, 22.399, 20.254
Yxy	33.1995, 0.3719, 0.3278
Android (android.graphics.Color)	4291137167 (0xFFC58E8F)
YUV	158.5590, -7.6706, 33.7128
Hunter-Lab	57.6190, 15.8254, 9.0414

Details

The XYZ color **37.6569, 33.1995, 30.4100** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **41.0868, 49.6696, 59.6488**, and the grayscale version is **32.7777, 34.4847, 37.5538**.

A 20% lighter version of the original color is **71.0580, 64.7711, 61.5802**, and **16.8722, 14.0233, 12.1734** is the 20% darker color. If you saturate the color by 10%, you get **33.6396, 27.3110, 22.4541**, and if you desaturate by 10%, it is **42.4467, 40.2281, 39.8707**.

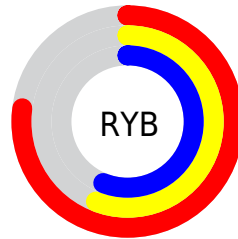
Distribution



Red (77%)

Green (56%)

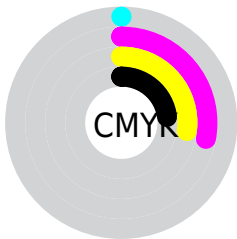
Blue (56%)



Red (77%)

Yellow (56%)

Blue (56%)

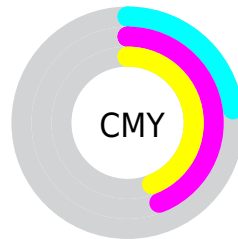


Cyan (0%)

Magenta (28%)

Yellow (27%)

Black (23%)



Cyan (23%)


Magenta (44%)


Yellow (44%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 37.6569, 33.1995, 30.4100 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 37.6569, 33.1995, 30.4100 by changing the saturation by 10% instead.

 37.6569, 33.1995,
30.4100


 37.6569, 33.1995,
30.4100


327.4522,
316.5477, 318.0775


 25.8925, 22.2793,
19.8953

 70.8892, 64.6869,
61.3786

 16.8755, 14.0623,
12.1356


 93.0879, 86.0229,
82.6696

 10.2405, 8.1640,
6.7125


 119.4954,
111.5996, 108.3898

 5.6222, 4.2001,
3.2072

150.4770,
141.8014, 138.9577

 2.6552, 1.7861,
1.2014

186.3982,
177.0127, 174.7919

 0.9742, 0.4785,
0.0000

227.6242,

 0.0000, 0.0000,

217.6180, 216.3109

0.0000

274.5204,
264.0015, 263.9333

■ 37.6569, 33.1995,
30.4100

■ 37.6569, 33.1995,
30.4100

■ 33.6396, 27.3110,
22.4541

■ 42.4467, 40.2281,
39.8707

■ 30.3518, 22.4983,
15.9235

■ 48.0436, 48.4476,
50.9060

■ 27.7506, 18.6978,
10.7348

■ 54.4834, 57.9112,
63.5837

■ 25.7874, 15.8371,
6.7947

■ 61.7990, 68.6676,
77.9672

■ 24.4072, 13.8346,
3.9982

■ 70.0213, 80.7629,
94.1163

■ 23.5458, 12.5945,
2.2233

■ 76.8360, 90.6104,
108.0476

■ 23.1122, 11.9761,
1.3117

■ 23.0456, 11.8782,
1.1805

Harmonies

Analogous

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



37.9845, 33.1995, 39.1999



37.6569, 33.1995, 30.4100



35.6354, 33.1995, 24.2696

Triad

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



37.6569, 33.1995, 30.4100



27.0763, 33.1995, 26.0533



30.5297, 33.1995, 56.3383

Complementary

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



37.6569, 33.1995, 30.4100



41.0868, 49.6696, 59.6488

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.



27.7989, 33.1995, 51.3821



37.6569, 33.1995, 30.4100



25.8956, 33.1995, 33.2599

Square

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



37.6569, 33.1995, 30.4100



29.4820, 33.1995, 22.0634



26.1509, 33.1995, 42.5672



33.7232, 33.1995, 55.2280

Rectangle

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



37.6569, 33.1995, 30.4100



33.6699, 33.1995, 22.0252



26.1509, 33.1995, 42.5672



29.5308, 33.1995, 55.2986

Sweetspot

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



37.6578, 33.2011, 30.4107



85.8249, 86.4443, 90.7361



42.3007, 35.0031, 57.3503



18.0227, 17.9924, 18.7369



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.



37.6578, 33.2011, 30.4107



63.2570, 53.3221, 46.1765



41.8506, 41.7069, 31.4376



10.6415, 10.6400, 11.0956



15.1614, 7.8141, 0.7941



0.7207, 0.3711, 0.0522

Inverse Universe

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



37.6578, 33.2011, 30.4107



63.2570, 53.3221, 46.1765



35.8607, 39.0353, 58.4680



10.6415, 10.6400, 11.0956



15.1614, 7.8141, 0.7941



0.7207, 0.3711, 0.0522

Previews

White Background



This preview shows how the XYZ color 37.6569, 33.1995, 30.4100 looks on a white background.

Color Contrast Check

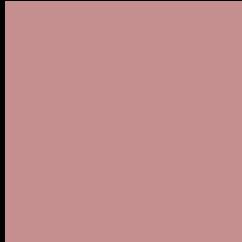
Large Text (above 18pt) WCAG AA × Fail

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 37.6569, 33.1995, 30.4100 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

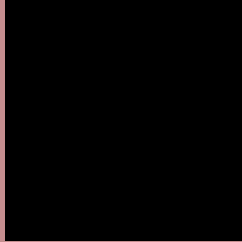
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 37.6569, 33.1995, 30.4100

Background



This preview shows how black text looks on a background with the XYZ color 37.6569, 33.1995, 30.4100.



This preview shows how white text looks on a background with the XYZ color 37.6569, 33.1995,

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

37.6569, 33.1995, 30.4100

Protanopia

31.8907, 33.4525, 33.6303

Deuteranopia

34.0058, 33.4034, 29.8545



Tritanopia

38.3995, 33.2899, 33.6799

Trichromacy



Original Color

37.6569, 33.1995, 30.4100

Protanomaly

33.5666, 33.1240, 32.2282

Deuteranomaly

35.2396, 33.3232, 30.1659

Tritanomaly

38.1589, 33.1936, 32.4128

Monochromacy



Original Color

37.6569, 33.1995, 30.4100

Achromatopsia

32.9542, 34.6704, 37.7561

Achromatomaly

34.3746, 33.9666, 34.8815

CSS Examples

Text

The CSS property to change the color of the text to XYZ 37.6569, 33.1995, 30.4100 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, 142, 143)` looks like.

```
.text, #text, p{  
    color:rgb(197, 142, 143)  
}
```

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, 142, 143) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(197, 142, 143) }
```

Border

The CSS property to change the border of an element to XYZ 37.6569, 33.1995, 30.4100 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, 142, 143) }
```


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

```
.border{ border-color:rgb(197, 142, 143) }
```

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

Here you see how a box with a 4 pixel rgb(197, 142, 143) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(197, 142, 143); -webkit-box-  
shadow:4px 4px 4px 4px rgb(197, 142, 143);  
box-shadow:4px 4px 4px 4px rgb(197, 142,  
143) }
```

Background

The CSS property to change the background color of an element to XYZ 37.6569, 33.1995, 30.4100 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(197, 142, 143) }
```

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

```
.background{ background-color: rgb(197,  
142, 143) }
```

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