

Converting Colors

XYZ(37.7667, 33.4854, 29.8334)

Have a look what the booklet for
XYZ(37.7667, 33.4854, 29.8334)
contains.

XYZ(37.6561, 33.4383, 29.6689)	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(37.6561, 33.4383,
29.6689)**

Conversions

Conversions Part 1

Format	Color
Hex	C58F8D
RGB	197, 143, 141
RGB Percent	77%, 56%, 55%
CMY	0.2275, 0.4392, 0.4471
CMYK	0.00, 0.27, 0.28, 0.23
HSL	2°, 33%, 66%
HSV	2°, 28%, 77%
XYZ	37.6561, 33.4383, 29.6689
YIQ	158.9180, 32.8260, 10.8260

Conversions

Conversions Part 2

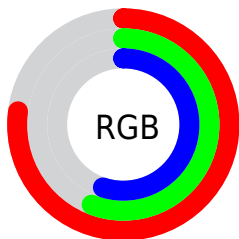
Format	Color
RYB	197, 143, 141
Decimal	12947341
CIELab	64.51, 20.18, 9.16
CIELCh	65, 22.164, 24.401
Yxy	33.4383, 0.3737, 0.3318
Android (android.graphics.Color)	4291137421 (0xFFC58F8D)
YUV	158.9180, -8.8336, 33.3979
Hunter-Lab	57.8259, 15.0436, 10.0580

Details

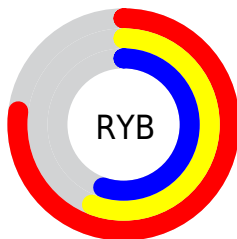
The XYZ color **37.6561, 33.4383, 29.6689** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **40.5770, 48.7226, 60.0891**, and the grayscale version is **32.9465, 34.6623, 37.7472**.

A 20% lighter version of the original color is **71.0566, 65.1326, 60.4565**, and **16.8708, 14.1604, 11.7416** is the 20% darker color. If you saturate the color by 10%, you get **33.7046, 27.6760, 21.7517**, and if you desaturate by 10%, it is **42.3530, 40.2737, 39.1216**.

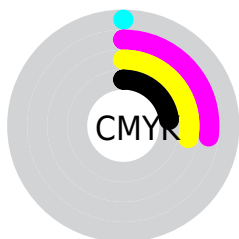
Distribution



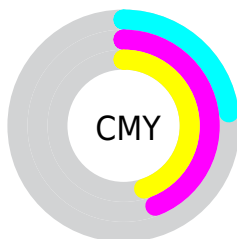
- Red (77%)
- Green (56%)
- Blue (55%)



- Red (77%)
- Yellow (56%)
- Blue (55%)



- Cyan (0%)
- Magenta (27%)
- Yellow (28%)
- Black (23%)





- Cyan (23%)
- Magenta (44%)
- Yellow (45%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 37.6561, 33.4383, 29.6689 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 37.6561, 33.4383, 29.6689 by changing the saturation by 10% instead.


 37.6561, 33.4383,
29.6689


 37.6561, 33.4383,
29.6689


327.4488,
317.6201, 314.5172


 25.8919, 22.4624,
19.3375


 70.8880, 65.0592,
60.1930

 16.8750, 14.1971,
11.7351


 93.0864, 86.4731,
81.2227

 10.2402, 8.2579,
6.4432


 119.4937,
112.1350, 106.6557

 5.6220, 4.2604,
3.0433

150.4750,
142.4294, 136.9103

 2.6551, 1.8203,
1.1168

186.3958,
177.7408, 172.4053

 0.9741, 0.4998,
0.0000

227.6215,

 0.0000, 0.0000,

218.4534, 213.5590

0.0000

274.5174,
264.9517, 260.7902

■ 37.6561, 33.4383,
29.6689

■ 37.6561, 33.4383,
29.6689

■ 33.7046, 27.6760,
21.7517

■ 42.3530, 40.2737,
39.1216

■ 30.4576, 22.9279,
15.2872

■ 47.8280, 48.2278,
50.1827

■ 27.8746, 19.1367,
10.1876

■ 54.1152, 57.3492,
62.9230

■ 25.9096, 16.2376,
6.3550

■ 61.2456, 67.6825,
77.4083

■ 24.5111, 14.1574,
3.6786

■ 69.2490, 79.2697,
93.7009

■ 23.6189, 12.8118,
2.0283

■ 76.8360, 90.6103,
108.0476

■ 23.1519, 12.0951,
1.2034

■ 23.1025, 12.0234,
1.1031

Harmonies

Analogous

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



38.2356, 33.4383, 38.1366



37.6561, 33.4383, 29.6689



35.4600, 33.4383, 23.9900

Triad

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



37.6561, 33.4383, 29.6689



27.0836, 33.4383, 27.1716



31.1917, 33.4383, 56.6682

Complementary

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



37.6561, 33.4383, 29.6689



40.5770, 48.7226, 60.0891

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.



28.3677, 33.4383, 52.5090



37.6561, 33.4383, 29.6689



26.0990, 33.4383, 34.7337

Square

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



37.6561, 33.4383, 29.6689



29.3323, 33.4383, 22.7246



26.5531, 33.4383, 44.0988



34.3647, 33.4383, 54.7108

Rectangle

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



37.6561, 33.4383, 29.6689



33.4477, 33.4383, 22.0626



26.5531, 33.4383, 44.0988



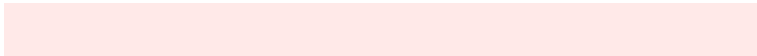
30.1727, 33.4383, 55.9206

Sweetspot

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



37.6570, 33.4399, 29.6696



84.9151, 85.2940, 88.3691



42.4165, 34.8666, 56.2032



17.8492, 17.7829, 18.2550



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.



37.6570, 33.4399, 29.6696



62.9749, 53.3764, 44.1760



42.3716, 42.8692, 31.2411



10.6638, 10.6967, 11.0654



15.2086, 7.9344, 0.7299



0.7310, 0.3974, 0.0382

Inverse Universe

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



40.5770, 48.7226, 60.0891



69.0407, 85.1343, 107.4015



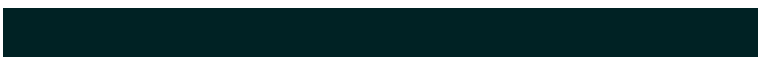
34.9060, 37.3806, 58.1988



10.9129, 11.9999, 13.6585



18.7468, 26.8876, 38.9461



0.8981, 1.2939, 1.8476

Previews

White Background



This preview shows how the XYZ color 37.6561, 33.4383, 29.6689 looks on a white background.

Color Contrast Check

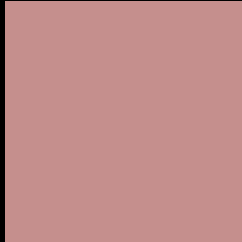
Large Text (above 18pt) WCAG AA × Fail

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 37.6561, 33.4383, 29.6689 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 37.6561, 33.4383, 29.6689

Background



This preview shows how black text looks on a background with the XYZ color 37.6561, 33.4383, 29.6689.



This preview shows how white text looks on a background with the XYZ color 37.6561, 33.4383,

29.6689.

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

37.6561, 33.4383, 29.6689

Protanopia

32.1341, 33.5964, 32.8081

Deuteranopia

34.1603, 33.4916, 29.4750



Tritanopia

38.4811, 33.3225, 34.1095

Trichromacy



Original Color

37.6561, 33.4383, 29.6689

Protanomaly

33.8566, 33.2915, 31.4295

Deuteranomaly

35.3311, 33.3875, 29.3932

Tritanomaly

38.3070, 33.4899, 32.4622

Monochromacy



Original Color

37.6561, 33.4383, 29.6689

Achromatopsia

32.9542, 34.6704, 37.7561

Achromatomaly

34.2923, 33.9337, 34.4482

CSS Examples

Text

The CSS property to change the color of the text to XYZ 37.6561, 33.4383, 29.6689 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, 143, 141)` looks like.

```
.text, #text, p{  
    color:rgb(197, 143, 141)  
}
```

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, 143, 141) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(197, 143, 141) }
```

Border

The CSS property to change the border of an element to XYZ 37.6561, 33.4383, 29.6689 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, 143, 141) }
```


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

```
.border{ border-color:rgb(197, 143, 141) }
```

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

Here you see how a box with a 4 pixel `rgb(197, 143, 141)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(197, 143, 141); -webkit-box-  
shadow:4px 4px 4px 4px rgb(197, 143, 141);  
box-shadow:4px 4px 4px 4px rgb(197, 143,  
141) }
```

Background

The CSS property to change the background color of an element to XYZ 37.6561, 33.4383, 29.6689 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(197, 143, 141) }
```

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

```
.background{ background-color: rgb(197,  
143, 141) }
```

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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