

Converting Colors

XYZ(43.3031, 37.8230, 40.1715)

Have a look what the booklet for
XYZ(43.3031, 37.8230, 40.1715)
contains.

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Color

**XYZ(43.3393, 37.7584,
40.1258)**

Conversions

Conversions Part 1

Format	Color
Hex	CF96A4
RGB	207, 150, 164
RGB Percent	81%, 59%, 64%
CMY	0.1882, 0.4117, 0.3569
CMYK	0.00, 0.28, 0.21, 0.19
HSL	345°, 37%, 70%
HSV	345°, 28%, 81%
XYZ	43.3393, 37.7584, 40.1258
YIQ	168.6390, 29.4780, 16.4380

Conversions

Conversions Part 2

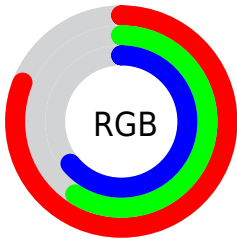
Format	Color
R _Y B	207, 150, 164
Decimal	13604516
CIE Lab	67.84, 23.46, 1.17
CIE LCh	68, 23.484, 2.845
Yxy	37.7584, 0.3575, 0.3115
Android (android.graphics.Color)	4291794596 (0xFFCF96A4)
YUV	168.6390, -2.2870, 33.6426
Hunter-Lab	61.4479, 18.3626, 4.2968

Details

The XYZ color **43.3393, 37.7584, 40.1258** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **44.5177, 54.9609, 58.7169**, and the grayscale version is **37.5354, 39.4902, 43.0048**.

A 20% lighter version of the original color is **75.8575, 70.0371, 76.5382**, and **20.3354, 16.7689, 17.4942** is the 20% darker color. If you saturate the color by 10%, you get **38.9985, 31.1968, 32.1428**, and if you desaturate by 10%, it is **48.4389, 45.5597, 49.2171**.

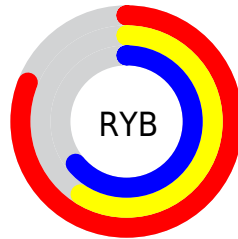
Distribution



Red (81%)

Green (59%)

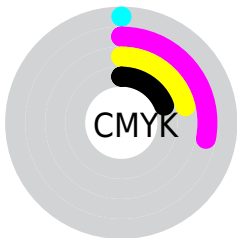
Blue (64%)



Red (81%)

Yellow (59%)

Blue (64%)

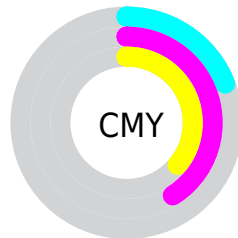


Cyan (0%)

Magenta (28%)

Yellow (21%)

Black (19%)



Cyan (19%)


Magenta (41%)


Yellow (36%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 43.3393, 37.7584, 40.1258 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 43.3393, 37.7584, 40.1258 by changing the saturation by 10% instead.


 43.3393, 37.7584,
40.1258

 43.3393, 37.7584,
40.1258

350.9032,
336.5824, 362.2214

 30.3471, 25.7952,
27.3221


 79.4752, 71.7377,
76.5942

 20.2516, 16.6705,
17.5807


 103.3495, 94.5226,
101.0960

 12.6874, 9.9999,
10.4831


131.5820,
121.6835, 130.3343

 7.2891, 5.3989,
5.6106

164.5379,
153.6049, 164.7276

 3.6915, 2.4831,
2.5449

202.5826,
190.6710, 204.6944

 1.5291, 0.8682,
0.8638

246.0815,

 0.3455, 0.0000,

233.2664, 250.6532

0.0000

295.3999,
281.7754, 303.0227

■ 0.0000, 0.0000,
0.0000

■ 43.3393, 37.7584,
40.1258

■ 43.3393, 37.7584,
40.1258

■ 38.9985, 31.1968,
32.1428

■ 48.4389, 45.5597,
49.2171

■ 35.3764, 25.8057,
25.2225

■ 54.3285, 54.6548,
59.4551

■ 32.4339, 21.5172,
19.3198

■ 61.0413, 65.1008,
70.8791

■ 30.1268, 18.2543,
14.3849

■ 68.6080, 76.9498,
83.5259

■ 28.4055, 15.9297,
10.3641

■ 77.0572, 90.2515,
97.4307

■ 27.2123, 14.4416,
7.1973

■ 79.5423, 92.0055,
108.1743

■ 26.4697, 13.6491,
4.8141

■ 26.3261, 13.5030,
4.3313

Harmonies

Analogous

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



42.4803, 37.7584, 50.9520



43.3393, 37.7584, 40.1258



42.0929, 37.7584, 31.1743

Triad

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



43.3393, 37.7584, 40.1258



32.2257, 37.7584, 26.4717



32.7889, 37.7584, 61.6423

Complementary

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



43.3393, 37.7584, 40.1258



44.5177, 54.9609, 58.7169

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.



30.3254, 37.7584, 52.9658



43.3393, 37.7584, 40.1258



30.0160, 37.7584, 32.6290

Square

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



43.3393, 37.7584, 40.1258



35.5420, 37.7584, 24.1716



29.3442, 37.7584, 42.1152



36.2367, 37.7584, 64.5476

Rectangle

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



43.3393, 37.7584, 40.1258



40.2818, 37.7584, 27.1213



29.3442, 37.7584, 42.1152



31.8263, 37.7584, 59.2392

Sweetspot

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



43.3404, 37.7601, 40.1266



86.5041, 86.7159, 94.3128



44.0988, 37.6242, 63.9698



18.1923, 18.0602, 19.6296



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.



43.3404, 37.7601, 40.1266



65.2352, 54.1134, 56.5940



44.5586, 42.1095, 34.6357



11.9261, 11.8552, 12.8866



16.6184, 8.5202, 2.8966



0.9614, 0.4893, 0.3315

Inverse Universe

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



43.3404, 37.7601, 40.1266



65.2352, 54.1134, 56.5940



42.8563, 49.0197, 66.2348



11.9261, 11.8552, 12.8866



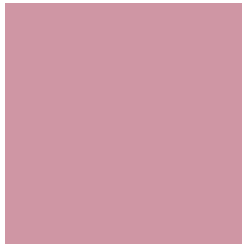
16.6184, 8.5202, 2.8966



0.9614, 0.4893, 0.3315

Previews

White Background



This preview shows how the XYZ color 43.3393, 37.7584, 40.1258 looks on a white background.

Color Contrast Check

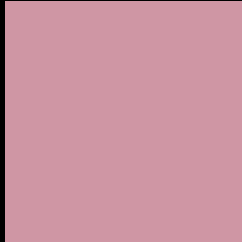
Large Text (above 18pt) WCAG AA × Fail

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 43.3393, 37.7584, 40.1258 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 43.3393, 37.7584, 40.1258

Background



This preview shows how black text looks on a background with the XYZ color 43.3393, 37.7584, 40.1258.



This preview shows how white text looks on a background with the XYZ color 43.3393, 37.7584,

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

43.3393, 37.7584, 40.1258

Protanopia

36.9343, 38.1429, 44.9508

Deuteranopia

38.6208, 37.8175, 39.4464



Tritanopia

43.1601, 37.6867, 39.1819

Trichromacy



Original Color

43.3393, 37.7584, 40.1258

Protanomaly

39.1179, 37.9890, 43.3011

Deuteranomaly

40.2376, 37.6277, 39.7925

Tritanomaly

43.2493, 37.7224, 39.6520

Monochromacy



Original Color

43.3393, 37.7584, 40.1258

Achromatopsia

37.7116, 39.6755, 43.2066

Achromatomaly

39.4238, 38.6980, 41.9508

CSS Examples

Text

The CSS property to change the color of the text to XYZ 43.3393, 37.7584, 40.1258 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(207, 150, 164)` looks like.

```
.text, #text, p{  
    color:rgb(207, 150, 164)  
}
```

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(207, 150, 164) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(207, 150, 164) }
```

Border

The CSS property to change the border of an element to XYZ 43.3393, 37.7584, 40.1258 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(207, 150, 164) }
```


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

```
.border{ border-color:rgb(207, 150, 164) }
```

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

Here you see how a box with a 4 pixel `rgb(207, 150, 164)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(207, 150, 164); -webkit-box-  
shadow:4px 4px 4px 4px rgb(207, 150, 164);  
box-shadow:4px 4px 4px 4px rgb(207, 150,  
164) }
```

Background

The CSS property to change the background color of an element to XYZ 43.3393, 37.7584, 40.1258 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(207, 150, 164) }
```

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

```
.background{ background-color: rgb(207,  
150, 164) }
```

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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