

Converting Colors

XYZ(41.4000, 37.9720, 32.6268)

Have a look what the booklet for
XYZ(41.4000, 37.9720, 32.6268)
contains.

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Color

**XYZ(41.4507, 37.9143,
32.7373)**

Conversions

Conversions Part 1

Format	Color
Hex	CB9A93
RGB	203, 154, 147
RGB Percent	80%, 60%, 58%
CMY	0.2039, 0.3961, 0.4235
CMYK	0.00, 0.24, 0.28, 0.20
HSL	8°, 35%, 69%
HSV	8°, 28%, 80%
XYZ	41.4507, 37.9143, 32.7373
YIQ	167.8530, 31.4510, 8.2110

Conversions

Conversions Part 2

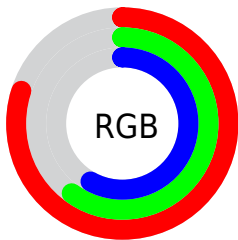
Format	Color
R _Y B	203, 155, 147
Decimal	13343379
CIE Lab	67.96, 17.29, 10.77
CIE LCh	68, 20.365, 31.923
Yxy	37.9143, 0.3698, 0.3382
Android (android.graphics.Color)	4291533459 (0xFFCB9A93)
YUV	167.8530, -10.2805, 30.8239
Hunter-Lab	61.5746, 12.4069, 11.5796

Details

The XYZ color **41.4507, 37.9143, 32.7373** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **42.5516, 49.9933, 63.9071**, and the grayscale version is **37.1862, 39.1228, 42.6047**.

A 20% lighter version of the original color is **74.5831, 71.0780, 65.0468**, and **19.1743, 16.8409, 13.3064** is the 20% darker color. If you saturate the color by 10%, you get **37.2786, 31.8982, 24.1689**, and if you desaturate by 10%, it is **46.3397, 44.9139, 42.9323**.

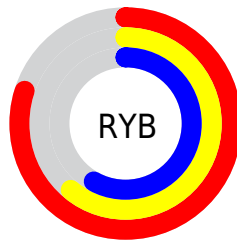
Distribution



Red (80%)

Green (60%)

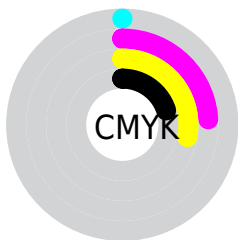
Blue (58%)



Red (80%)

Yellow (61%)

Blue (58%)

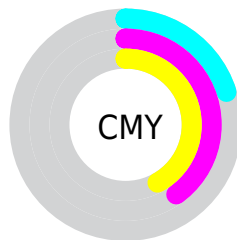


Cyan (0%)

Magenta (24%)

Yellow (28%)

Black (20%)



Cyan (20%)


Magenta (40%)


Yellow (42%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 41.4507, 37.9143, 32.7373 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 41.4507, 37.9143, 32.7373 by changing the saturation by 10% instead.


 41.4507, 37.9143,
32.7373


 41.4507, 37.9143,
32.7373


343.2313,
337.2522, 329.0600

 28.8606, 25.9162,
21.6558

 76.6380, 71.9768,
65.0764

 19.1192, 16.7609,
13.4083


 99.9659, 94.8099,
87.1712

 11.8609, 10.0642,
7.5763


127.6039,
122.0235, 113.7741

 6.7206, 5.4415,
3.7412

159.9172,
154.0019, 145.3037

 3.3327, 2.5086,
1.4845

197.2713,
191.1296, 182.1785

 1.3321, 0.8809,
0.2063

240.0314,

 0.2070, 0.0000,

233.7910, 224.8172

0.0000

288.5630,
282.3704, 273.6381

■ 0.0000, 0.0000,
0.0000

■ 41.4507, 37.9143,
32.7373

■ 41.4507, 37.9143,
32.7373

■ 37.2786, 31.8982,
24.1689

■ 46.3397, 44.9139,
42.9323

■ 33.7866, 26.8164,
17.1406

■ 51.9741, 52.9327,
54.8296

■ 30.9392, 22.6235,
11.5616

■ 58.3845, 62.0113,
68.5031

■ 28.6965, 19.2681,
7.3302

■ 65.5989, 72.1864,
84.0214

■ 27.0138, 16.6934,
4.3319

■ 73.6439, 83.4930,
101.4497

■ 25.8405, 14.8359,
2.4328

■ 78.4387, 91.4366,
108.1226

■ 25.1117, 13.6196,
1.4460

■ 24.9847, 13.4086,
1.2713

Harmonies

Analogous

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



42.4652, 37.9143, 40.7003



41.4507, 37.9143, 32.7373



38.9763, 37.9143, 27.7383

Triad

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



41.4507, 37.9143, 32.7373



30.9306, 37.9143, 33.6127



36.2410, 37.9143, 61.2594

Complementary

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



41.4507, 37.9143, 32.7373



42.5516, 49.9933, 63.9071

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.



33.2482, 37.9143, 58.6427



41.4507, 37.9143, 32.7373



30.2915, 37.9143, 41.8697

Square

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



41.4507, 37.9143, 32.7373



32.9142, 37.9143, 28.1893



31.1154, 37.9143, 51.1980



39.3501, 37.9143, 57.9069

Rectangle

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



41.4507, 37.9143, 32.7373



36.8980, 37.9143, 26.3227



31.1154, 37.9143, 51.1980



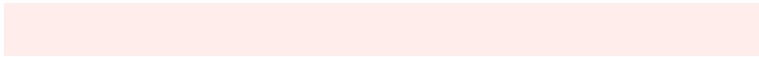
35.1884, 37.9143, 61.0476

Sweetspot

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



41.4517, 37.9161, 32.7381



86.5057, 87.8912, 90.7000



45.0797, 37.5712, 57.3798



18.1924, 18.3530, 18.7280



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.



41.4517, 37.9161, 32.7381



65.1765, 57.3949, 46.0963



46.5280, 48.0686, 34.4302



11.3235, 11.4360, 11.6900



15.9368, 8.6065, 0.8213



0.8605, 0.5207, 0.0551

Inverse Universe

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



42.5516, 49.9933, 63.9071



67.3058, 80.8489, 106.6657



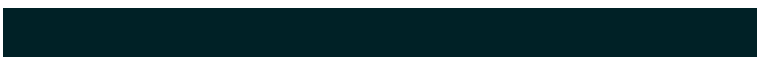
36.9015, 38.6932, 62.0238



11.4189, 12.4782, 14.3771



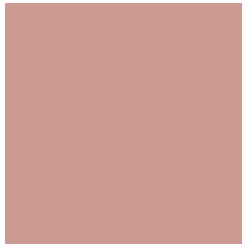
16.9884, 23.0008, 39.5005



0.9108, 1.2553, 2.0492

Previews

White Background



This preview shows how the XYZ color 41.4507, 37.9143, 32.7373 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 41.4507, 37.9143, 32.7373 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 41.4507, 37.9143, 32.7373

Background



This preview shows how black text looks on a background with the XYZ color 41.4507, 37.9143, 32.7373.



This preview shows how white text looks on a background with the XYZ color 41.4507, 37.9143,

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

41.4507, 37.9143, 32.7373

Protanopia

36.2182, 37.9808, 35.5591

Deuteranopia

38.7454, 38.0358, 32.4937



Tritanopia

43.0159, 38.0800, 39.7333

Trichromacy



Original Color

41.4507, 37.9143, 32.7373

Protanomaly

37.8592, 37.7914, 34.5772

Deuteranomaly

39.6633, 37.9984, 32.4381

Tritanomaly

42.3789, 38.0542, 37.0099

Monochromacy



Original Color

41.4507, 37.9143, 32.7373

Achromatopsia

37.2190, 39.1572, 42.6422

Achromatomaly

38.4984, 38.5562, 38.6707

CSS Examples

Text

The CSS property to change the color of the text to XYZ 41.4507, 37.9143, 32.7373 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(203, 154, 147)` looks like.

```
.text, #text, p{  
    color:rgb(203, 154, 147)  
}
```

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(203, 154, 147) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(203, 154, 147) }
```

Border

The CSS property to change the border of an element to XYZ 41.4507, 37.9143, 32.7373 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(203, 154, 147) }
```


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

```
.border{ border-color:rgb(203, 154, 147) }
```

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

Here you see how a box with a 4 pixel `rgb(203, 154, 147)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(203, 154, 147); -webkit-box-  
shadow:4px 4px 4px 4px rgb(203, 154, 147);  
box-shadow:4px 4px 4px 4px rgb(203, 154,  
147) }
```

Background

The CSS property to change the background color of an element to XYZ 41.4507, 37.9143, 32.7373 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(203, 154, 147) }
```

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

```
.background{ background-color: rgb(203,  
154, 147) }
```

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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