

Converting Colors

XYZ(42.1095, 38.8661, 31.5178)

Have a look what the booklet for
XYZ(42.1095, 38.8661, 31.5178)
contains.

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Color

**XYZ(42.0993, 38.7697,
31.6500)**

Conversions

Conversions Part 1

Format	Color
Hex	CD9C90
RGB	205, 156, 144
RGB Percent	80%, 61%, 56%
CMY	0.1961, 0.3882, 0.4353
CMYK	0.00, 0.24, 0.30, 0.20
HSL	12°, 38%, 68%
HSV	12°, 30%, 80%
XYZ	42.0993, 38.7697, 31.6500
YIQ	169.2830, 33.0560, 6.6560

Conversions

Conversions Part 2

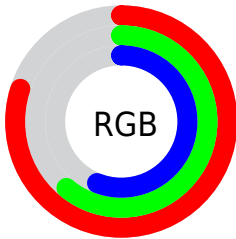
Format	Color
R _Y B	205, 159, 144
Decimal	13474960
CIE Lab	68.58, 16.55, 13.35
CIE LCh	69, 21.264, 38.888
Yxy	38.7697, 0.3742, 0.3446
Android (android.graphics.Color)	4291665040 (0xFFCD9C90)
YUV	169.2830, -12.4645, 31.3238
Hunter-Lab	62.2653, 11.7245, 13.4481

Details

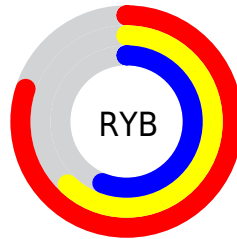
The XYZ color **42.0993, 38.7697, 31.6500** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **41.5903, 48.4753, 64.9222**, and the grayscale version is **37.9014, 39.8752, 43.4241**.

A 20% lighter version of the original color is **74.7273, 71.9257, 63.3706**, and **19.6496, 17.3953, 12.9117** is the 20% darker color. If you saturate the color by 10%, you get **38.0944, 33.0437, 23.2741**, and if you desaturate by 10%, it is **46.7654, 45.3623, 41.6508**.

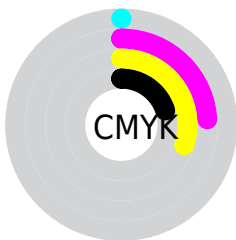
Distribution



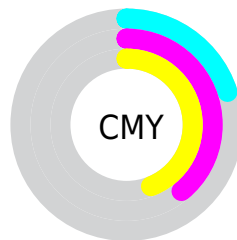
- Red (80%)
- Green (61%)
- Blue (56%)



- Red (80%)
- Yellow (62%)
- Blue (56%)



- Cyan (0%)
- Magenta (24%)
- Yellow (30%)
- Black (20%)





- Cyan (20%)
- Magenta (39%)
- Yellow (44%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 42.0993, 38.7697, 31.6500 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 42.0993, 38.7697, 31.6500 by changing the saturation by 10% instead.


 42.0993, 38.7697,
31.6500


 42.0993, 38.7697,
31.6500


345.8790,
340.9104, 323.9652

 29.3705, 26.5806,
20.8317


 77.6141, 73.2864,
63.3535

 19.5070, 17.2585,
12.8110


 101.1308, 96.3827,
85.0758

 12.1433, 10.4190,
7.1693


128.9742,
123.8837, 111.2699

 6.9143, 5.6776,
3.4882

161.5097,
156.1735, 142.3542

 3.4544, 2.6501,
1.3490

199.1025,
193.6367, 178.7474

 1.3984, 0.9519,
0.1014

242.1181,

 0.2551, 0.0000,

236.6577, 220.8679

0.0000

290.9219,
285.6208, 269.1343

■ 0.0000, 0.0000,
0.0000

■ 42.0993, 38.7697,
31.6500

■ 42.0993, 38.7697,
31.6500

■ 38.0944, 33.0437,
23.2741

■ 46.7654, 45.3623,
41.6508

■ 34.7172, 28.1427,
16.4346

■ 52.1179, 52.8500,
53.3538

■ 31.9359, 24.0298,
11.0380

■ 58.1846, 61.2667,
66.8343

■ 29.7145, 20.6633,
6.9799

■ 64.9908, 70.6428,
82.1624

■ 28.0131, 17.9972,
4.1413

■ 72.5603, 81.0076,
99.4044

■ 26.7858, 15.9804,
2.3823

■ 78.9230, 91.5915,
108.1270

■ 25.9637, 14.5485,
1.4541

■ 78.9868, 91.7191,
108.1483

■ 25.9472, 14.5199,
1.4351

Harmonies

Analogous

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



43.5936, 38.7697, 39.4245



42.0993, 38.7697, 31.6500



39.2209, 38.7697, 27.2247

Triad

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



42.0993, 38.7697, 31.6500



31.1560, 38.7697, 35.9057



37.8546, 38.7697, 63.2113

Complementary

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



42.0993, 38.7697, 31.6500



41.5903, 48.4753, 64.9222

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.



34.5755, 38.7697, 61.8886



42.0993, 38.7697, 31.6500



30.8394, 38.7697, 45.1312

Square

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



42.0993, 38.7697, 31.6500



32.9481, 38.7697, 29.4103



32.0552, 38.7697, 54.8995



41.0472, 38.7697, 58.2794

Rectangle

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



42.0993, 38.7697, 31.6500



36.9747, 38.7697, 26.3125



32.0552, 38.7697, 54.8995



36.7244, 38.7697, 63.4974

Sweetspot

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



42.1003, 38.7715, 31.6508



85.9714, 87.4066, 88.7212



44.8673, 36.8128, 55.6720



18.1070, 18.2985, 18.3410



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.



42.1003, 38.7715, 31.6508



64.4467, 57.0674, 42.3628



47.7033, 49.9775, 33.5184



11.3881, 11.5652, 11.7115



16.2068, 9.1466, 0.9113



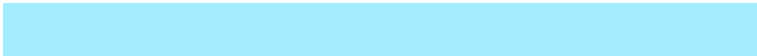
0.8903, 0.5802, 0.0651

Inverse Universe

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



41.5903, 48.4753, 64.9222



63.4605, 75.5581, 105.8472



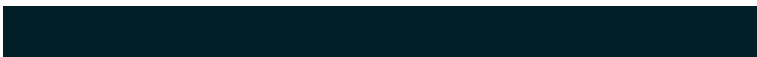
35.6749, 36.6445, 62.9504



11.3484, 12.3373, 14.3536



15.2656, 19.5551, 38.9262



0.8367, 1.1071, 2.0245

Previews

White Background



This preview shows how the XYZ color 42.0993, 38.7697, 31.6500 looks on a white background.

Color Contrast Check

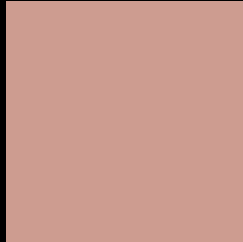
Large Text (above 18pt) WCAG AA × Fail

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 42.0993, 38.7697, 31.6500 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 42.0993, 38.7697, 31.6500

Background



This preview shows how black text looks on a background with the XYZ color 42.0993, 38.7697, 31.6500.



This preview shows how white text looks on a background with the XYZ color 42.0993, 38.7697,

31.6500.

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

42.0993, 38.7697, 31.6500

Protanopia

37.0029, 38.9534, 34.4227

Deuteranopia

39.4410, 38.6794, 31.3737



Tritanopia

43.9149, 38.7645, 40.7650

Trichromacy



Original Color

42.0993, 38.7697, 31.6500

Protanomaly

38.6922, 38.7716, 33.4613

Deuteranomaly

40.3820, 38.6498, 31.3184

Tritanomaly

43.0950, 38.6673, 37.0905

Monochromacy



Original Color

42.0993, 38.7697, 31.6500

Achromatopsia

37.7116, 39.6755, 43.2066

Achromatomaly

38.9120, 39.0341, 38.7411

CSS Examples

Text

The CSS property to change the color of the text to XYZ 42.0993, 38.7697, 31.6500 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(205, 156, 144)` looks like.

```
.text, #text, p{  
    color:rgb(205, 156, 144)  
}
```

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(205, 156, 144) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(205, 156, 144) }
```

Border

The CSS property to change the border of an element to XYZ 42.0993, 38.7697, 31.6500 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(205, 156, 144) }
```


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

```
.border{ border-color:rgb(205, 156, 144) }
```

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

Here you see how a box with a 4 pixel `rgb(205, 156, 144)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(205, 156, 144); -webkit-box-  
shadow:4px 4px 4px 4px rgb(205, 156, 144);  
box-shadow:4px 4px 4px 4px rgb(205, 156,  
144) }
```

Background

The CSS property to change the background color of an element to XYZ 42.0993, 38.7697, 31.6500 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(205, 156, 144) }
```

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

```
.background{ background-color: rgb(205,  
156, 144) }
```

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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