

Converting Colors

XYZ(42.1445, 38.2652, 32.9612)

Have a look what the booklet for
XYZ(42.1445, 38.2652, 32.9612)
contains.

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Color

**XYZ(41.9989, 38.1969,
32.7629)**

Conversions

Conversions Part 1

Format	Color
Hex	CD9A93
RGB	205, 154, 147
RGB Percent	80%, 60%, 58%
CMY	0.1961, 0.3961, 0.4235
CMYK	0.00, 0.25, 0.28, 0.20
HSL	7°, 37%, 69%
HSV	7°, 28%, 80%
XYZ	41.9989, 38.1969, 32.7629
YIQ	168.4510, 32.6430, 8.6350

Conversions

Conversions Part 2

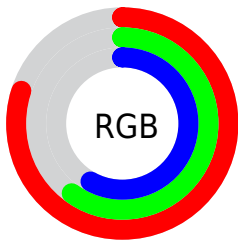
Format	Color
RYB	205, 155, 147
Decimal	13474451
CIELab	68.17, 18.05, 11.09
CIELCh	68, 21.188, 31.569
Yxy	38.1969, 0.3718, 0.3381
Android (android.graphics.Color)	4291664531 (0xFFCD9A93)
YUV	168.4510, -10.5753, 32.0535
Hunter-Lab	61.8036, 13.1440, 11.8322

Details

The XYZ color **41.9989, 38.1969, 32.7629** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **43.2456, 50.9974, 65.3220**, and the grayscale version is **37.4812, 39.4331, 42.9427**.

A 20% lighter version of the original color is **74.5831, 71.0780, 65.0468**, and **19.5392, 17.0291, 13.3234** is the 20% darker color. If you saturate the color by 10%, you get **37.7767, 32.1014, 24.1138**, and if you desaturate by 10%, it is **46.9566, 45.3041, 43.0723**.

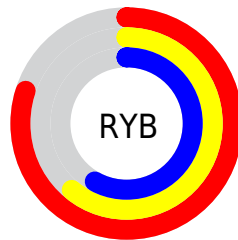
Distribution



Red (80%)

Green (60%)

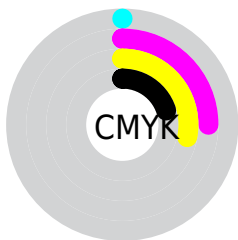
Blue (58%)



Red (80%)

Yellow (61%)

Blue (58%)

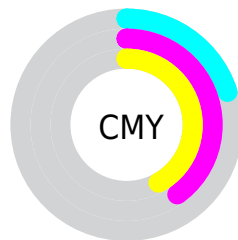


Cyan (0%)

Magenta (25%)

Yellow (28%)

Black (20%)



Cyan (20%)


Magenta (40%)


Yellow (42%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 41.9989, 38.1969, 32.7629 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 41.9989, 38.1969, 32.7629 by changing the saturation by 10% instead.


 41.9989, 38.1969,
32.7629


 41.9989, 38.1969,
32.7629


345.4701,
338.4639, 329.1792

 29.2915, 26.1355,
21.6752


 77.4631, 72.4098,
65.1169

 19.4469, 16.9251,
13.4224

 100.9507, 95.3302,
87.2204

 12.0995, 10.1811,
7.5859


128.7624,
122.6390, 113.8328

 6.8842, 5.5192,
3.7472

161.2636,
154.7207, 145.3728

 3.4355, 2.5550,
1.4877

198.8196,
191.9596, 182.2589

 1.3880, 0.9041,
0.2088

241.7958,

 0.2477, 0.0000,

234.7402, 224.9097

0.0000

290.5575,
283.4468, 273.7436

■ 0.0000, 0.0000,
0.0000

■ 41.9989, 38.1969,
32.7629

■ 41.9989, 38.1969,
32.7629

■ 37.7767, 32.1014,
24.1138

■ 46.9566, 45.3041,
43.0723

■ 34.2518, 26.9664,
17.0357

■ 52.6793, 53.4604,
55.1200

■ 31.3872, 22.7443,
11.4349

■ 59.1989, 62.7080,
68.9821

■ 29.1414, 19.3815,
7.2063

■ 66.5443, 73.0851,
84.7292

■ 27.4678, 16.8184,
4.2311

■ 74.7432, 84.6281,
102.4285

■ 26.3133, 14.9881,
2.3703

■ 78.9869, 91.7192,
108.1483

■ 25.6074, 13.8095,
1.4164

■ 25.5194, 13.6640,
1.2924

Harmonies

Analogous

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



43.0422, 38.1969, 41.0930



41.9989, 38.1969, 32.7629



39.4185, 38.1969, 27.5384

Triad

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



41.9989, 38.1969, 32.7629



30.9935, 38.1969, 33.5055



36.4795, 38.1969, 62.5882

Complementary

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



41.9989, 38.1969, 32.7629



43.2456, 50.9974, 65.3220

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.



33.3599, 38.1969, 59.7556



41.9989, 38.1969, 32.7629



30.3103, 38.1969, 42.0908

Square

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



41.9989, 38.1969, 32.7629



33.0756, 38.1969, 27.9191



31.1505, 38.1969, 51.8751



39.7381, 38.1969, 59.1226

Rectangle

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



41.9989, 38.1969, 32.7629



37.2457, 38.1969, 26.0465



31.1505, 38.1969, 51.8751



35.3803, 38.1969, 62.3390

Sweetspot

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



41.9999, 38.1987, 32.7637



86.4802, 87.8402, 90.6915



45.8309, 37.9350, 58.4742



18.1860, 18.3402, 18.7258



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.



41.9999, 38.1987, 32.7637



64.4099, 56.2464, 44.6544



47.3290, 48.8569, 34.5400



11.3197, 11.4283, 11.6887



15.9240, 8.5809, 0.8170



0.8587, 0.5171, 0.0546

Inverse Universe

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



43.2456, 50.9974, 65.3220



66.7728, 80.5987, 106.6455



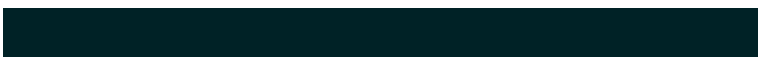
37.2839, 39.0741, 63.3348



11.4232, 12.4868, 14.3785



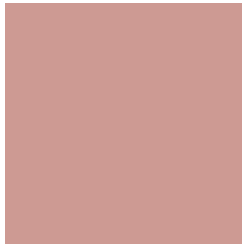
17.0980, 23.2199, 39.5370



0.9154, 1.2646, 2.0508

Previews

White Background



This preview shows how the XYZ color 41.9989, 38.1969, 32.7629 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 41.9989, 38.1969, 32.7629 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 41.9989, 38.1969, 32.7629

Background



This preview shows how black text looks on a background with the XYZ color 41.9989, 38.1969, 32.7629.



This preview shows how white text looks on a background with the XYZ color 41.9989, 38.1969,

32.7629.

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

41.9989, 38.1969, 32.7629

Protanopia

36.6196, 38.4566, 35.6298

Deuteranopia

38.9943, 38.1641, 32.5053



Tritanopia

43.5712, 38.3662, 39.7593

Trichromacy



Original Color

41.9989, 38.1969, 32.7629

Protanomaly

38.5138, 38.3893, 34.6581

Deuteranomaly

39.9208, 38.1311, 32.4501

Tritanomaly

42.9306, 38.3386, 37.0357

Monochromacy



Original Color

41.9989, 38.1969, 32.7629

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 41.9989, 38.1969, 32.7629 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, 154, 147)` looks like.

```
.text, #text, p{  
    color:rgb(205, 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(205, 154, 147) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(205, 154, 147) }
```

Border

The CSS property to change the border of an element to XYZ 41.9989, 38.1969, 32.7629 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, 154, 147) }
```


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

```
.border{ border-color:rgb(205, 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(205, 154, 147)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(205, 154, 147); -webkit-box-  
shadow:4px 4px 4px 4px rgb(205, 154, 147);  
box-shadow:4px 4px 4px 4px rgb(205, 154,  
147) }
```

Background

The CSS property to change the background color of an element to XYZ 41.9989, 38.1969, 32.7629 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(205, 154, 147) }
```

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

```
.background{ background-color: rgb(205,  
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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