

Converting Colors

XYZ(42.1289, 40.8439, 32.0488)

Have a look what the booklet for
XYZ(42.1289, 40.8439, 32.0488)
contains.

XYZ(42.1289, 40.8439, 32.0488)	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(42.1289, 40.8439,
32.0488)**

Conversions

Conversions Part 1

Format	Color
Hex	C8A490
RGB	200, 164, 144
RGB Percent	78%, 64%, 56%
CMY	0.2157, 0.3568, 0.4353
CMYK	0.00, 0.18, 0.28, 0.22
HSL	21°, 34%, 67%
HSV	21°, 28%, 78%
XYZ	42.1289, 40.8439, 32.0488
YIQ	172.4840, 27.8760, 1.4120

Conversions

Conversions Part 2

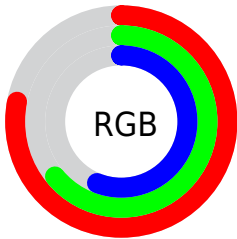
Format	Color
RYB	200, 175, 144
Decimal	13149328
CIELab	70.07, 10.25, 15.35
CIELCh	70, 18.459, 56.265
Yxy	40.8439, 0.3663, 0.3551
Android (android.graphics.Color)	4291339408 (0xFFC8A490)
YUV	172.4840, -14.0426, 24.1315
Hunter-Lab	63.9092, 5.8259, 15.0041

Details

The XYZ color **42.1289, 40.8439, 32.0488** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **38.2477, 42.7406, 60.8776**, and the grayscale version is **39.5180, 41.5760, 45.2763**.

A 20% lighter version of the original color is **76.7646, 76.0003, 64.0497**, and **19.4916, 18.4162, 13.1170** is the 20% darker color. If you saturate the color by 10%, you get **38.5483, 35.9160, 23.9700**, and if you desaturate by 10%, it is **46.2151, 46.3491, 41.6331**.

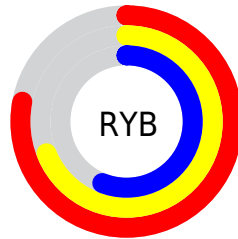
Distribution



Red (78%)

Green (64%)

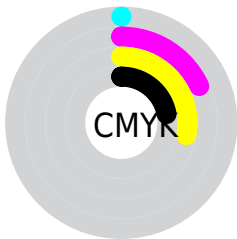
Blue (56%)



Red (78%)

Yellow (69%)

Blue (56%)

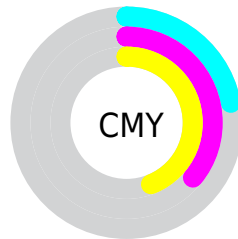


Cyan (0%)

Magenta (18%)

Yellow (28%)

Black (22%)



Cyan (22%)


Magenta (36%)


Yellow (44%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 42.1289, 40.8439, 32.0488 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 42.1289, 40.8439, 32.0488 by changing the saturation by 10% instead.


 42.1289, 40.8439,
32.0488


 42.1289, 40.8439,
32.0488


345.9995,
349.6678, 325.8411

 29.3938, 28.1971,
21.1336


 77.6586, 76.4469,
63.9864

 19.5247, 18.4743,
13.0295


 101.1839,
100.1719, 85.8459

 12.1563, 11.2911,
7.3179


129.0367,
128.3584, 112.1906

 6.9231, 6.2630,
3.5803

161.5822,
161.3908, 143.4391

 3.4600, 3.0056,
1.3980

199.1859,
199.6536, 180.0098

 1.4014, 1.1347,
0.1402

242.2132,

 0.2572, 0.0074,

243.5311, 222.3213

0.0000

291.0292,
293.4077, 270.7923

■ 0.0000, 0.0000,
0.0000

■ 42.1289, 40.8439,
32.0488

■ 42.1289, 40.8439,
32.0488

■ 38.5483, 35.9160,
23.9700

■ 46.2151, 46.3491,
41.6331

■ 35.4489, 31.5403,
17.3166

■ 50.8234, 52.4443,
52.7923

■ 32.8089, 27.6979,
12.0048

■ 55.9737, 59.1491,
65.5944

■ 30.6036, 24.3669,
7.9410

■ 61.6837, 66.4803,
80.1029

■ 28.8051, 21.5233,
5.0192

■ 67.9702, 74.4540,
96.3777

■ 27.3821, 19.1409,
3.1156

■ 73.3659, 82.4923,
106.6636

■ 26.2912, 17.1878,
2.0468

■ 77.3096, 90.3797,
107.9781

■ 26.1010, 16.8425,
1.8752

■ 77.6295, 91.0194,
108.0847

Harmonies

Analogous

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



44.2529, 40.8439, 37.5246



42.1289, 40.8439, 32.0488



39.1996, 40.8439, 29.8816

Triad

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



42.1289, 40.8439, 32.0488



33.3206, 40.8439, 43.3997



41.4422, 40.8439, 61.0769

Complementary

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



42.1289, 40.8439, 32.0488



38.2477, 42.7406, 60.8776

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.



38.4446, 40.8439, 63.1740



42.1289, 40.8439, 32.0488



33.8527, 40.8439, 52.2281

Square

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



42.1289, 40.8439, 32.0488



34.1984, 40.8439, 35.8773



35.6908, 40.8439, 59.7509



43.8423, 40.8439, 54.3403

Rectangle

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



42.1289, 40.8439, 32.0488



37.2203, 40.8439, 30.3668



35.6908, 40.8439, 59.7509



40.4667, 40.8439, 62.3825

Sweetspot

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



42.1300, 40.8458, 32.0496



87.8962, 90.6722, 91.1635



42.0720, 35.5380, 48.0364



18.5403, 19.0488, 18.8439



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.



42.1300, 40.8458, 32.0496



68.8216, 65.0699, 46.1249



47.6156, 51.8170, 33.8782



10.9388, 11.2467, 11.1570



16.6734, 10.8639, 1.2182



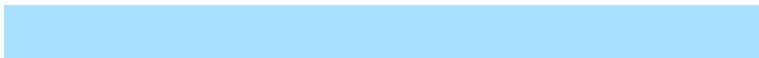
0.8579, 0.6513, 0.0805

Inverse Universe

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



38.2477, 42.7406, 60.8776



60.9259, 68.9048, 104.6966



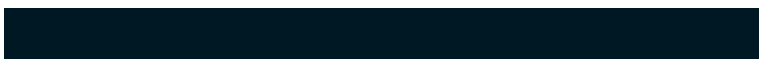
33.2206, 32.6865, 59.2019



10.6157, 11.4054, 13.5595



11.6704, 12.7347, 36.5873



0.6192, 0.7363, 1.7546

Previews

White Background



This preview shows how the XYZ color 42.1289, 40.8439, 32.0488 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 42.1289, 40.8439, 32.0488 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

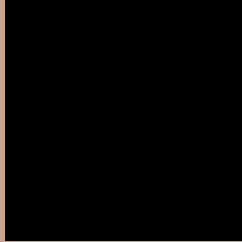
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 42.1289, 40.8439, 32.0488

Background



This preview shows how black text looks on a background with the XYZ color 42.1289, 40.8439, 32.0488.



This preview shows how white text looks on a background with the XYZ color 42.1289, 40.8439,

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

42.1289, 40.8439, 32.0488

Protanopia

38.6518, 40.9357, 33.4680

Deuteranopia

41.7779, 40.9297, 32.0838



Tritanopia

44.6458, 40.8167, 44.5550

Trichromacy



Original Color

42.1289, 40.8439, 32.0488

Protanomaly

39.6845, 40.6454, 32.9479

Deuteranomaly

42.0424, 41.0660, 32.0962

Tritanomaly

43.6236, 40.6549, 39.7304

Monochromacy



Original Color

42.1289, 40.8439, 32.0488

Achromatopsia

39.2122, 41.2543, 44.9259

Achromatomaly

40.0010, 40.9297, 39.9744

CSS Examples

Text

The CSS property to change the color of the text to XYZ 42.1289, 40.8439, 32.0488 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(200, 164, 144) looks like.

```
.text, #text, p{  
    color:rgb(200, 164, 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(200, 164, 144) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(200, 164, 144) }
```

Border

The CSS property to change the border of an element to XYZ 42.1289, 40.8439, 32.0488 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(200, 164, 144) }
```


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

```
.border{ border-color:rgb(200, 164, 144) }
```

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

Here you see how a box with a 4 pixel `rgb(200, 164, 144)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(200, 164, 144); -webkit-box-  
shadow:4px 4px 4px 4px rgb(200, 164, 144);  
box-shadow:4px 4px 4px 4px rgb(200, 164,  
144) }
```

Background

The CSS property to change the background color of an element to XYZ 42.1289, 40.8439, 32.0488 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(200, 164, 144) }
```

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

```
.background{ background-color: rgb(200,  
164, 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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor