

Converting Colors

XYZ(39.0036, 42.1015, 32.4800)

Have a look what the booklet for
XYZ(39.0036, 42.1015, 32.4800)
contains.

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Color

**XYZ(38.9925, 41.9890,
32.4351)**

Conversions

Conversions Part 1

Format	Color
Hex	B4AE90
RGB	180, 174, 144
RGB Percent	71%, 68%, 56%
CMY	0.2941, 0.3176, 0.4353
CMYK	0.00, 0.03, 0.20, 0.29
HSL	50°, 19%, 64%
HSV	50°, 20%, 71%
XYZ	38.9925, 41.9890, 32.4351
YIQ	172.3740, 13.2060, -8.0580

Conversions

Conversions Part 2

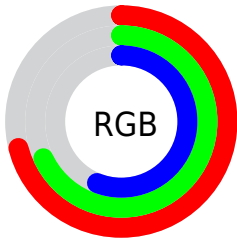
Format	Color
R_{YB}	151, 180, 144
Decimal	11841168
CIE _{Lab}	70.86, -2.89, 16.19
CIE _{LCh}	71, 16.448, 100.117
Yxy	41.9890, 0.3438, 0.3702
Android (android.graphics.Color)	4290031248 (0xFFB4AE90)
YUV	172.3740, -13.9884, 6.6880
Hunter-Lab	64.7989, -5.9864, 15.6816

Details

The XYZ color **38.9925, 41.9890, 32.4351** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **30.6461, 31.0367, 47.5558**, and the grayscale version is **39.4671, 41.5225, 45.2180**.

A 20% lighter version of the original color is **72.8044, 77.9487, 64.6345**, and **17.7323, 19.2392, 13.3686** is the 20% darker color. If you saturate the color by 10%, you get **37.1526, 40.3380, 25.5670**, and if you desaturate by 10%, it is **41.0669, 43.7574, 40.4647**.

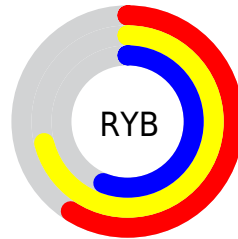
Distribution



Red (71%)

Green (68%)

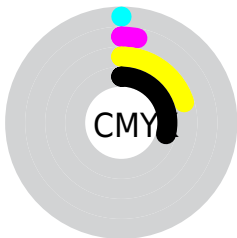
Blue (56%)



Red (59%)

Yellow (71%)

Blue (56%)

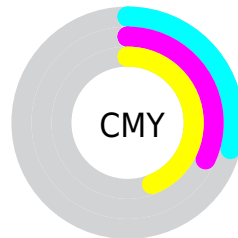


Cyan (0%)

Magenta (3%)

Yellow (20%)

Black (29%)



Cyan (29%)

Magenta (32%)

Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 38.9925, 41.9890, 32.4351 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 38.9925, 41.9890, 32.4351 by changing the saturation by 10% instead.

■ 38.9925, 41.9890,
32.4351

■ 38.9925, 41.9890,
32.4351

333.0663,
354.4373, 327.6501

■ 26.9346, 29.0927,
21.4265

■ 72.9210, 78.1830,
64.5984

■ 17.6604, 19.1509,
13.2418

■ 95.5223, 102.2494,
86.5901

■ 10.8047, 11.7794,
7.4626

122.3688,
130.8080, 113.0800

■ 6.0020, 6.5936,
3.6703

153.8258,
164.2432, 144.4865

■ 2.8870, 3.2093,
1.4462

190.2587,
202.9393, 181.2283

■ 1.0943, 1.2420,
0.1774

232.0329,

■ 0.0203, 0.0956,

247.2808, 223.7238

0.0000

279.5136,
297.6520, 272.3915

■ 0.0000, 0.0000,
0.0000

■ 38.9925, 41.9890,
32.4351

■ 38.9925, 41.9890,
32.4351

■ 37.1526, 40.3380,
25.5670

■ 41.0669, 43.7574,
40.4647

■ 35.5335, 38.7944,
19.8030

■ 43.3823, 45.6416,
49.7041

■ 34.1250, 37.3555,
15.0849

■ 45.9490, 47.6472,
60.2021

■ 32.9147, 36.0161,
11.3481

■ 48.7757, 49.7779,
72.0042

■ 31.8889, 34.7707,
8.5209

■ 51.8706, 52.0371,
85.1535

■ 31.0321, 33.6129,
6.5215

■ 55.2417, 54.4281,
99.6911

■ 30.3258, 32.5352,
5.2539

■ 56.3858, 55.9498,
102.4353

■ 29.7320, 31.5222,
4.5174

■ 57.0643, 57.3068,
102.6615

■ 29.7319, 31.5222,
4.5173

■ 57.7564, 58.6910,
102.8922

Harmonies

Analogous

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



41.7250, 41.9890, 32.9660



38.9925, 41.9890, 32.4351



36.6152, 41.9890, 35.1397

Triad

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



38.9925, 41.9890, 32.4351



36.0206, 41.9890, 56.1281



45.0626, 41.9890, 51.0358

Complementary

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



38.9925, 41.9890, 32.4351



30.6461, 31.0367, 47.5558

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.



43.3952, 41.9890, 58.2331



38.9925, 41.9890, 32.4351



38.1470, 41.9890, 61.3978

Square

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



38.9925, 41.9890, 32.4351



34.9520, 41.9890, 48.4162



40.8403, 41.9890, 62.2094



45.3144, 41.9890, 43.1236

Rectangle

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



38.9925, 41.9890, 32.4351



35.5204, 41.9890, 38.6169



40.8403, 41.9890, 62.2094



44.6456, 41.9890, 53.6422

Sweetspot

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



38.9936, 41.9909, 32.4360



76.0454, 80.6464, 79.6329



34.3011, 31.8524, 33.1950



16.3792, 17.3840, 16.9853



86.6293, 91.1408, 99.2523



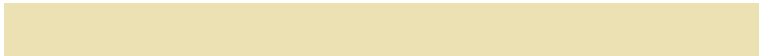
17.0014, 17.8868, 19.4787

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



38.9936, 41.9909, 32.4360



69.1799, 74.7909, 53.0654



37.5042, 42.9814, 32.7057



9.0742, 9.6609, 9.0390



20.7930, 22.0846, 3.1668



0.6862, 0.7587, 0.1103

Inverse Universe

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



30.6461, 31.0367, 47.5558



51.2794, 51.3025, 85.4943



31.9223, 30.3103, 47.3483



8.1526, 8.4513, 10.7079



6.1078, 3.0161, 30.3972



0.2270, 0.1646, 0.9680

Previews

White Background



This preview shows how the XYZ color 38.9925, 41.9890, 32.4351 looks on a white background.

Color Contrast Check

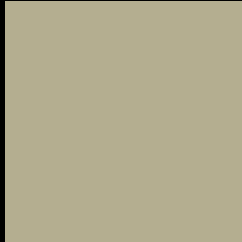
Large Text (above 18pt) WCAG AA × Fail

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 38.9925, 41.9890, 32.4351 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

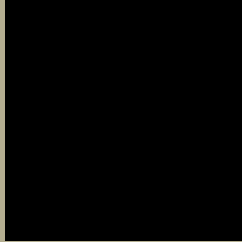
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

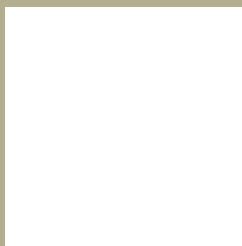
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 38.9925, 41.9890, 32.4351

Background



This preview shows how black text looks on a background with the XYZ color 38.9925, 41.9890, 32.4351.



This preview shows how white text looks on a background with the XYZ color 38.9925, 41.9890,

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

38.9925, 41.9890, 32.4351

Protanopia

39.5061, 41.9680, 32.4040

Deuteranopia

42.7490, 41.9611, 32.6343



Tritanopia

42.6390, 42.0676, 50.1285

Trichromacy



Original Color

38.9925, 41.9890, 32.4351

Protanomaly

39.2690, 41.8458, 32.3929

Deuteranomaly

41.4779, 42.1312, 32.7341

Tritanomaly

41.1592, 42.0203, 42.9872

Monochromacy



Original Color

38.9925, 41.9890, 32.4351

Achromatopsia

39.2122, 41.2543, 44.9259

Achromatomaly

39.1444, 41.6097, 40.1508

CSS Examples

Text

The CSS property to change the color of the text to XYZ 38.9925, 41.9890, 32.4351 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(180, 174, 144)` looks like.

```
.text, #text, p{  
    color:rgb(180, 174, 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(180, 174, 144) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(180, 174, 144) }
```

Border

The CSS property to change the border of an element to XYZ 38.9925, 41.9890, 32.4351 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(180, 174, 144) }
```


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

```
.border{ border-color:rgb(180, 174, 144) }
```

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

Here you see how a box with a 4 pixel `rgb(180, 174, 144)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(180, 174, 144); -webkit-box-  
shadow:4px 4px 4px 4px rgb(180, 174, 144);  
box-shadow:4px 4px 4px 4px rgb(180, 174,  
144) }
```

Background

The CSS property to change the background color of an element to XYZ 38.9925, 41.9890, 32.4351 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(180, 174, 144) }
```

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

```
.background{ background-color: rgb(180,  
174, 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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