

Converting Colors

XYZ(39.1808, 40.9764, 32.6507)

Have a look what the booklet for
XYZ(39.1808, 40.9764, 32.6507)
contains.

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Color

**XYZ(39.2527, 40.9841,
32.6300)**

Conversions

Conversions Part 1

Format	Color
Hex	B8AA91
RGB	184, 170, 145
RGB Percent	72%, 67%, 57%
CMY	0.2784, 0.3333, 0.4314
CMYK	0.00, 0.08, 0.21, 0.28
HSL	38°, 22%, 65%
HSV	38°, 21%, 72%
XYZ	39.2527, 40.9841, 32.6300
YIQ	171.3360, 16.3690, -4.8070

Conversions

Conversions Part 2

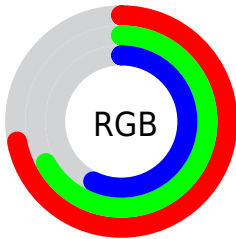
Format	Color
R _Y B	167, 184, 145
Decimal	12102289
CIE Lab	70.16, 0.95, 14.72
CIE LCh	70, 14.751, 86.322
Yxy	40.9841, 0.3478, 0.3631
Android (android.graphics.Color)	4290292369 (0xFFB8AA91)
YUV	171.3360, -12.9836, 11.1063
Hunter-Lab	64.0188, -2.5869, 14.5934

Details

The XYZ color **39.2527, 40.9841, 32.6300** is a light color, and the websafe version is hex **999999**. A complement of this color would be **32.7268, 34.2759, 50.2386**, and the grayscale version is **38.9360, 40.9637, 44.6095**.

A 20% lighter version of the original color is **73.1692, 76.4992, 64.9422**, and **17.8589, 18.5903, 13.2367** is the 20% darker color. If you saturate the color by 10%, you get **36.7406, 38.0494, 25.3506**, and if you desaturate by 10%, it is **42.0590, 44.1388, 41.1422**.

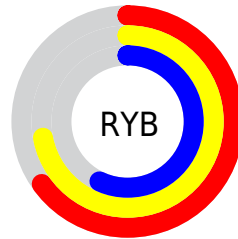
Distribution



Red (72%)

Green (67%)

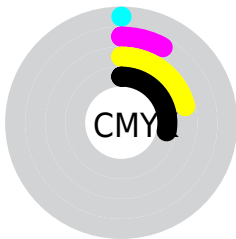
Blue (57%)



Red (65%)

Yellow (72%)

Blue (57%)

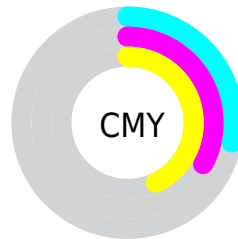


Cyan (0%)

Magenta (8%)

Yellow (21%)

Black (28%)



Cyan (28%)

Magenta (33%)

Yellow (43%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 39.2527, 40.9841, 32.6300 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 39.2527, 40.9841, 32.6300 by changing the saturation by 10% instead.


 39.2527, 40.9841,
32.6300


 39.2527, 40.9841,
32.6300


334.1524,
350.2542, 328.5599

 27.1380, 28.3067,
21.5744


 73.3158, 76.6598,
64.9068

 17.8140, 18.5570,
13.3492


 95.9949, 100.4268,
86.9650

 10.9154, 11.3506,
7.5359


122.9261,
128.6591, 113.5278

 6.0769, 6.3032,
3.7159

154.4749,
161.7411, 145.0138

 2.9330, 3.0303,
1.4708

191.0066,
200.0572, 181.8414

 1.1184, 1.1476,
0.1961

232.8865,

 0.0404, 0.0182,

243.9919, 224.4293

0.0000

280.4799,
293.9294, 273.1960

■ 0.0000, 0.0000,
0.0000

■ 39.2527, 40.9841,
32.6300

■ 39.2527, 40.9841,
32.6300

■ 36.7406, 38.0494,
25.3506

■ 42.0590, 44.1388,
41.1422

■ 34.5076, 35.3230,
19.2429

■ 45.1673, 47.5138,
50.9390

■ 32.5417, 32.8000,
14.2445

■ 48.5895, 51.1166,
62.0728

■ 30.8290, 30.4734,
10.2861

■ 52.3354, 54.9526,
74.5918

■ 29.3538, 28.3353,
7.2905

■ 56.4145, 59.0269,
88.5420

■ 28.0986, 26.3771,
5.1696

■ 60.7713, 63.3185,
103.6264

■ 27.0425, 24.5889,
3.8190

■ 62.4316, 66.6390,
104.1799

■ 26.2418, 23.1395,
3.0833

■ 64.1599, 70.0957,
104.7560

■ 65.9570, 73.6899,
105.3550

Harmonies

Analogous

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



41.5852, 40.9841, 34.4515



39.2527, 40.9841, 32.6300



36.9321, 40.9841, 33.7387

Triad

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



39.2527, 40.9841, 32.6300



34.9401, 40.9841, 50.7824



42.9458, 40.9841, 52.4095

Complementary

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



39.2527, 40.9841, 32.6300



32.7268, 34.2759, 50.2386

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.



41.0488, 40.9841, 57.6316



39.2527, 40.9841, 32.6300



36.4365, 40.9841, 56.6261

Square

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



39.2527, 40.9841, 32.6300



34.5033, 40.9841, 43.7773



38.6571, 40.9841, 59.2485



43.7722, 40.9841, 45.4830

Rectangle

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



39.2527, 40.9841, 32.6300



35.6927, 40.9841, 36.0595



38.6571, 40.9841, 59.2485



42.4085, 40.9841, 54.4491

Sweetspot

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



39.2538, 40.9859, 32.6309



79.0439, 83.0792, 83.3317



36.1771, 32.9553, 37.3923



16.9622, 17.8254, 17.7188



88.6918, 93.3107, 101.6153



17.8044, 18.7317, 20.3988

Same Dimension

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



39.2538, 40.9859, 32.6309



69.1705, 72.0026, 53.3121



40.7958, 45.8855, 33.4953



9.4717, 9.9464, 9.5275



18.1544, 16.0851, 2.1479



0.6963, 0.6797, 0.0945

Inverse Universe

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



32.7268, 34.2759, 50.2386



55.4058, 57.8541, 90.4514



31.3922, 30.2151, 49.5252



8.7778, 9.2329, 11.3989



7.3683, 5.1963, 31.8677



0.3195, 0.3026, 1.1433

Previews

White Background



This preview shows how the XYZ color 39.2527, 40.9841, 32.6300 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 39.2527, 40.9841, 32.6300 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

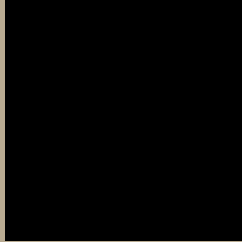
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 39.2527, 40.9841, 32.6300

Background



This preview shows how black text looks on a background with the XYZ color 39.2527, 40.9841, 32.6300.



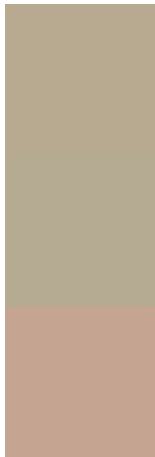
This preview shows how white text looks on a background with the XYZ color 39.2527, 40.9841,

32.6300.

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

39.2527, 40.9841, 32.6300

Protanopia

38.8073, 41.0249, 33.0674

Deuteranopia

41.6694, 40.8559, 32.8839



Tritanopia

42.2301, 40.8160, 47.7720

Trichromacy



Original Color

39.2527, 40.9841, 32.6300

Protanomaly

39.0426, 41.1462, 33.0784

Deuteranomaly

40.7453, 40.9192, 32.9448

Tritanomaly

41.1952, 40.9554, 41.8104

Monochromacy



Original Color

39.2527, 40.9841, 32.6300

Achromatopsia

38.7082, 40.7240, 44.3485

Achromatomaly

38.9890, 40.9646, 40.0344

CSS Examples

Text

The CSS property to change the color of the text to XYZ 39.2527, 40.9841, 32.6300 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(184, 170, 145)` looks like.

```
.text, #text, p{  
    color:rgb(184, 170, 145)  
}
```

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(184, 170, 145) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(184, 170, 145) }
```

Border

The CSS property to change the border of an element to XYZ 39.2527, 40.9841, 32.6300 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(184, 170, 145) }
```


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

```
.border{ border-color:rgb(184, 170, 145) }
```

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

Here you see how a box with a 4 pixel `rgb(184, 170, 145)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(184, 170, 145); -webkit-box-  
shadow:4px 4px 4px 4px rgb(184, 170, 145);  
box-shadow:4px 4px 4px 4px rgb(184, 170,  
145) }
```

Background

The CSS property to change the background color of an element to XYZ 39.2527, 40.9841, 32.6300 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(184, 170, 145) }
```

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

```
.background{ background-color: rgb(184,  
170, 145) }
```

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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