

Converting Colors

XYZ(40.8542, 41.5362, 32.2999)

Have a look what the booklet for
XYZ(40.8542, 41.5362, 32.2999)
contains.

XYZ(40.9602, 41.5960, 32.2556)	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(40.9602, 41.5960,
32.2556)**

Conversions

Conversions Part 1

Format	Color
Hex	C0A990
RGB	192, 169, 144
RGB Percent	75%, 66%, 56%
CMY	0.2471, 0.3372, 0.4353
CMYK	0.00, 0.12, 0.25, 0.25
HSL	31°, 28%, 66%
HSV	31°, 25%, 75%
XYZ	40.9602, 41.5960, 32.2556
YIQ	173.0270, 21.7330, -2.8990

Conversions

Conversions Part 2

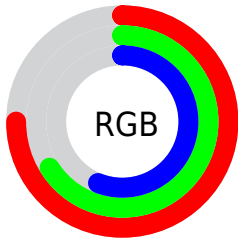
Format	Color
R_{YB}	188, 192, 144
Decimal	12626320
CIE _{Lab}	70.59, 4.43, 15.97
CIE _{LCh}	71, 16.574, 74.498
Yxy	41.5960, 0.3568, 0.3623
Android (android.graphics.Color)	4290816400 (0xFFC0A990)
YUV	173.0270, -14.3103, 16.6393
Hunter-Lab	64.4950, 0.4976, 15.4940

Details

The XYZ color **40.9602, 41.5960, 32.2556** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **34.8344, 37.3715, 55.2467**, and the grayscale version is **39.7980, 41.8706, 45.5971**.

A 20% lighter version of the original color is **75.9156, 77.5283, 64.3893**, and **18.8629, 18.9340, 13.2501** is the 20% darker color. If you saturate the color by 10%, you get **37.9645, 37.7566, 24.6224**, and if you desaturate by 10%, it is **44.3281, 45.7798, 41.2451**.

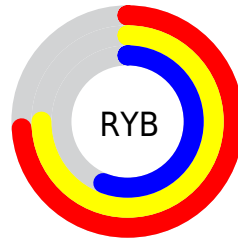
Distribution



Red (75%)

Green (66%)

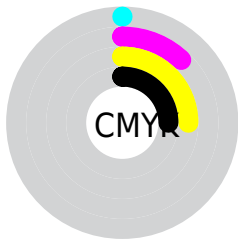
Blue (56%)



Red (74%)

Yellow (75%)

Blue (56%)

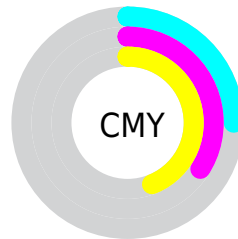


Cyan (0%)

Magenta (12%)

Yellow (25%)

Black (25%)



Cyan (25%)


Magenta (34%)


Yellow (44%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 40.9602, 41.5960, 32.2556 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 40.9602, 41.5960, 32.2556 by changing the saturation by 10% instead.


 40.9602, 41.5960,
32.2556


 40.9602, 41.5960,
32.2556

341.2197,
352.8055, 326.8105

 28.4755, 28.7851,
21.2904


 75.8986, 77.5878,
64.3141

 18.8267, 18.9183,
13.1431


 99.0830, 101.5375,
86.2445

 11.6484, 11.6113,
7.3953


126.5646,
129.9689, 112.6670

 6.5752, 6.4796,
3.6283

158.7089,
163.2664, 144.0002

 3.2418, 3.1388,
1.4238

195.8812,
201.8144, 180.6626

 1.2829, 1.2046,
0.1601

238.4469,

 0.1704, 0.0655,

245.9974, 223.0728

0.0000

286.7713,
296.1996, 271.6492

■ 0.0000, 0.0000,
0.0000

■ 40.9602, 41.5960,
32.2556

■ 40.9602, 41.5960,
32.2556

■ 37.9645, 37.7566,
24.6224

■ 44.3281, 45.7798,
41.2451

■ 35.3227, 34.2461,
18.2757

■ 48.0790, 50.3118,
51.6510

■ 33.0196, 31.0557,
13.1432

■ 52.2274, 55.2030,
63.5327

■ 31.0374, 28.1741,
9.1442

■ 56.7858, 60.4620,
76.9455

■ 29.3564, 25.5890,
6.1884

■ 61.7663, 66.0971,
91.9419

■ 27.9540, 23.2870,
4.1711

■ 66.4964, 71.8428,
104.9701

■ 26.8034, 21.2527,
2.9652

■ 69.0387, 76.9274,
105.8175

■ 26.2970, 20.3239,
2.5369

■ 71.7169, 82.2837,
106.7102

■ 74.5329, 87.9157,
107.6489

Harmonies

Analogous

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



43.4126, 41.5960, 35.5205



40.9602, 41.5960, 32.2556



38.2319, 41.5960, 32.2010

Triad

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



40.9602, 41.5960, 32.2556



34.6528, 41.5960, 49.1729



43.3432, 41.5960, 56.9241

Complementary

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



40.9602, 41.5960, 32.2556



34.8344, 37.3715, 55.2467

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.



40.8689, 41.5960, 61.5199



40.9602, 41.5960, 32.2556



35.8968, 41.5960, 56.7066

Square

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



40.9602, 41.5960, 32.2556



34.6747, 41.5960, 41.3779



38.1447, 41.5960, 61.4360



44.8311, 41.5960, 49.4433

Rectangle

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



40.9602, 41.5960, 32.2556



36.6272, 41.5960, 33.9626



38.1447, 41.5960, 61.4360



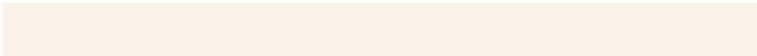
42.5943, 41.5960, 58.8940

Sweetspot

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



40.9613, 41.5979, 32.2565



85.6212, 89.3734, 89.3855



38.7054, 33.9509, 41.1698



18.2779, 19.0647, 18.9223



92.9021, 97.7402, 106.4391



19.4759, 20.4902, 22.3138

Same Dimension

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



40.9613, 41.5979, 32.2565



71.1618, 71.4825, 50.5683



45.4201, 50.8153, 33.8006



10.4975, 10.9265, 10.6176



17.7735, 13.8327, 1.7332



0.8366, 0.7351, 0.0978

Inverse Universe

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



34.8344, 37.3715, 55.2467



58.1594, 62.5142, 99.3614



31.1300, 29.7545, 53.9717



9.9175, 10.5263, 12.7939



9.0536, 7.8637, 34.5973



0.4602, 0.4777, 1.5178

Previews

White Background



This preview shows how the XYZ color 40.9602, 41.5960, 32.2556 looks on a white background.

Color Contrast Check

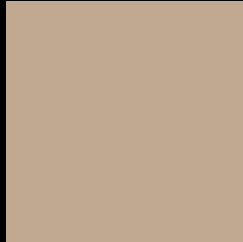
Large Text (above 18pt) WCAG AA × Fail

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 40.9602, 41.5960, 32.2556 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 40.9602, 41.5960, 32.2556

Background



This preview shows how black text looks on a background with the XYZ color 40.9602, 41.5960, 32.2556.



This preview shows how white text looks on a background with the XYZ color 40.9602, 41.5960,

32.2556.

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

40.9602, 41.5960, 32.2556

Protanopia

39.2322, 41.5255, 33.1416

Deuteranopia

42.3002, 41.4589, 32.5610



Tritanopia

43.9762, 41.4610, 47.2799

Trichromacy



Original Color

40.9602, 41.5960, 32.2556

Protanomaly

39.9234, 41.6093, 32.7153

Deuteranomaly

41.6945, 41.4175, 32.5849

Tritanomaly

42.9334, 41.5912, 41.3624

Monochromacy



Original Color

40.9602, 41.5960, 32.2556

Achromatopsia

39.7200, 41.7885, 45.5077

Achromatomaly

40.0965, 41.8170, 40.1406

CSS Examples

Text

The CSS property to change the color of the text to XYZ 40.9602, 41.5960, 32.2556 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(192, 169, 144)` looks like.

```
.text, #text, p{  
    color:rgb(192, 169, 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(192, 169, 144) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(192, 169, 144) }
```

Border

The CSS property to change the border of an element to XYZ 40.9602, 41.5960, 32.2556 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(192, 169, 144) }
```


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

```
.border{ border-color:rgb(192, 169, 144) }
```

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

Here you see how a box with a 4 pixel `rgb(192, 169, 144)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(192, 169, 144); -webkit-box-  
shadow:4px 4px 4px 4px rgb(192, 169, 144);  
box-shadow:4px 4px 4px 4px rgb(192, 169,  
144) }
```

Background

The CSS property to change the background color of an element to XYZ 40.9602, 41.5960, 32.2556 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(192, 169, 144) }
```

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

```
.background{ background-color: rgb(192,  
169, 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