

Converting Colors

XYZ(41.3232, 40.0288, 32.3439)

Have a look what the booklet for
XYZ(41.3232, 40.0288, 32.3439)
contains.

XYZ(41.4967, 40.2445, 32.3689)	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(41.4967, 40.2445,
32.3689)**

Conversions

Conversions Part 1

Format	Color
Hex	C6A391
RGB	198, 163, 145
RGB Percent	78%, 64%, 57%
CMY	0.2235, 0.3608, 0.4314
CMYK	0.00, 0.18, 0.27, 0.22
HSL	20°, 32%, 67%
HSV	20°, 27%, 78%
XYZ	41.4967, 40.2445, 32.3689
YIQ	171.4130, 26.6380, 1.8220

Conversions

Conversions Part 2

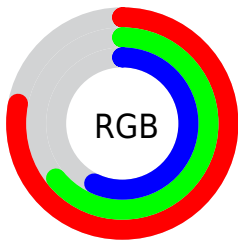
Format	Color
R _Y B	198, 172, 145
Decimal	13018001
CIE Lab	69.64, 10.16, 14.18
CIE LCh	70, 17.443, 54.382
Yxy	40.2445, 0.3637, 0.3527
Android (android.graphics.Color)	4291208081 (0xFFC6A391)
YUV	171.4130, -13.0216, 23.3168
Hunter-Lab	63.4386, 5.7437, 14.1548

Details

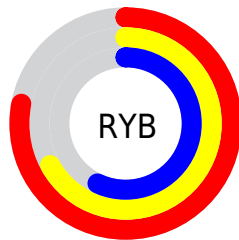
The XYZ color **41.4967, 40.2445, 32.3689** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **38.1908, 42.7381, 59.6626**, and the grayscale version is **38.9714, 41.0009, 44.6500**.

A 20% lighter version of the original color is **76.6202, 75.5263, 64.5725**, and **19.0777, 18.0347, 13.3020** is the 20% darker color. If you saturate the color by 10%, you get **37.8986, 35.2823, 24.2822**, and if you desaturate by 10%, it is **45.6030, 45.7968, 41.9387**.

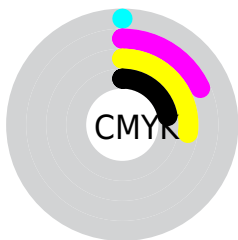
Distribution



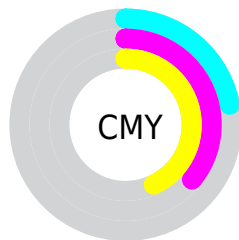
- Red (78%)
- Green (64%)
- Blue (57%)



- Red (78%)
- Yellow (67%)
- Blue (57%)



- Cyan (0%)
- Magenta (18%)
- Yellow (27%)
- Black (22%)




- Cyan (22%)
- Magenta (36%)
- Yellow (43%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 41.4967, 40.2445, 32.3689 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 41.4967, 40.2445, 32.3689 by changing the saturation by 10% instead.


 41.4967, 40.2445,
32.3689


 41.4967, 40.2445,
32.3689


343.4195,
347.1530, 327.3407

 28.8968, 27.7292,
21.3763


 76.7073, 75.5357,
64.4936

 19.1466, 18.1216,
13.2054

 100.0487, 99.0804,
86.4627

 11.8809, 11.0374,
7.4378


127.7012,
127.0704, 112.9278

 6.7343, 6.0920,
3.6548

160.0304,
159.8900, 144.3073

 3.3413, 2.9011,
1.4379

197.4014,
197.9237, 181.0198

 1.3367, 1.0803,
0.1710

240.1797,

 0.2105, 0.0000,

241.5558, 223.4838

0.0000

288.7306,
291.1708, 272.1179

■ 0.0000, 0.0000,
0.0000

■ 41.4967, 40.2445,
32.3689

■ 41.4967, 40.2445,
32.3689

■ 37.8986, 35.2823,
24.2822

■ 45.6030, 45.7968,
41.9387

■ 34.7846, 30.8847,
17.6010

■ 50.2342, 51.9528,
53.0588

■ 32.1330, 27.0323,
12.2443

■ 55.4098, 58.7323,
65.7955

■ 29.9190, 23.7024,
8.1217

■ 61.1477, 66.1527,
80.2102

■ 28.1156, 20.8704,
5.1314

■ 67.4646, 74.2307,
96.3612

■ 26.6915, 18.5095,
3.1550

■ 72.9270, 82.4022,
106.6693

■ 25.6082, 16.5886,
2.0360

■ 76.9466, 90.4414,
108.0092

■ 25.3114, 16.0512,
1.7641

■ 77.0987, 90.7458,
108.0599

Harmonies

Analogous

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



43.4055, 40.2445, 37.7161



41.4967, 40.2445, 32.3689



38.7844, 40.2445, 30.1105

Triad

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



41.4967, 40.2445, 32.3689



33.1047, 40.2445, 42.3168



40.5336, 40.2445, 59.5399

Complementary

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



41.4967, 40.2445, 32.3689



38.1908, 42.7381, 59.6626

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.



37.7229, 40.2445, 61.1621



41.4967, 40.2445, 32.3689



33.5220, 40.2445, 50.5480

Square

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



41.4967, 40.2445, 32.3689



34.0104, 40.2445, 35.3836



35.1795, 40.2445, 57.6945



42.8306, 40.2445, 53.4996

Rectangle

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



41.4967, 40.2445, 32.3689



36.9201, 40.2445, 30.4326



35.1795, 40.2445, 57.6945



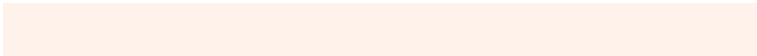
39.6139, 40.2445, 60.6488

Sweetspot

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



41.4978, 40.2464, 32.3697



87.7900, 90.4598, 91.1281



41.6866, 35.5659, 48.0263



18.5137, 18.9956, 18.8351



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.



41.4978, 40.2464, 32.3697



69.7362, 66.1218, 48.8257



46.6332, 50.5172, 34.0815



10.9235, 11.2161, 11.1520



16.5324, 10.5820, 1.1712



0.8501, 0.6357, 0.0779

Inverse Universe

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



38.1908, 42.7381, 59.6626



62.9180, 71.2415, 105.0426



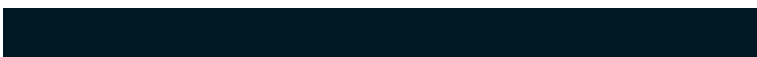
33.3986, 33.1537, 58.0652



10.6316, 11.4372, 13.5648



11.9661, 13.3262, 36.6859



0.6318, 0.7613, 1.7588

Previews

White Background



This preview shows how the XYZ color 41.4967, 40.2445, 32.3689 looks on a white background.

Color Contrast Check

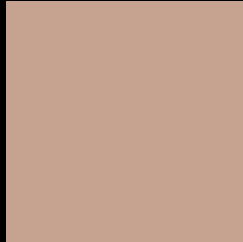
Large Text (above 18pt) WCAG AA × Fail

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 41.4967, 40.2445, 32.3689 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

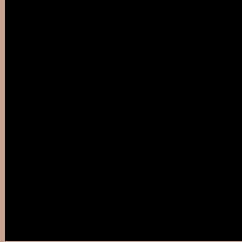
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 41.4967, 40.2445, 32.3689

Background



This preview shows how black text looks on a background with the XYZ color 41.4967, 40.2445, 32.3689.



This preview shows how white text looks on a background with the XYZ color 41.4967, 40.2445,

32.3689.

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

41.4967, 40.2445, 32.3689

Protanopia

38.0801, 40.3525, 33.7988

Deuteranopia

41.1512, 40.3310, 32.4038



Tritanopia

43.8362, 40.1541, 43.9682

Trichromacy



Original Color

41.4967, 40.2445, 32.3689

Protanomaly

39.0928, 40.0583, 33.2754

Deuteranomaly

41.4123, 40.4656, 32.4160

Tritanomaly

42.9118, 40.0296, 39.6472

Monochromacy



Original Color

41.4967, 40.2445, 32.3689

Achromatopsia

38.7082, 40.7240, 44.3485

Achromatomaly

39.5803, 40.4377, 39.9016

CSS Examples

Text

The CSS property to change the color of the text to XYZ 41.4967, 40.2445, 32.3689 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(198, 163, 145)` looks like.

```
.text, #text, p{  
    color:rgb(198, 163, 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(198, 163, 145) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 163, 145) }
```

Border

The CSS property to change the border of an element to XYZ 41.4967, 40.2445, 32.3689 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(198, 163, 145) }
```


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

```
.border{ border-color:rgb(198, 163, 145) }
```

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

Here you see how a box with a 4 pixel `rgb(198, 163, 145)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(198, 163, 145); -webkit-box-  
shadow:4px 4px 4px 4px rgb(198, 163, 145);  
box-shadow:4px 4px 4px 4px rgb(198, 163,  
145) }
```

Background

The CSS property to change the background color of an element to XYZ 41.4967, 40.2445, 32.3689 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(198, 163, 145) }
```

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

```
.background{ background-color: rgb(198,  
163, 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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