

Converting Colors

XYZ(40.0267, 41.1665, 17.3916)

Have a look what the booklet for
XYZ(40.0267, 41.1665, 17.3916)
contains.

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Color

**XYZ(40.0267, 41.1665,
17.3916)**

Conversions

Conversions Part 1

Format	Color
Hex	C8A862
RGB	200, 168, 98
RGB Percent	78%, 66%, 38%
CMY	0.2157, 0.3412, 0.6157
CMYK	0.00, 0.16, 0.51, 0.22
HSL	41°, 48%, 58%
HSV	41°, 51%, 78%
XYZ	40.0267, 41.1665, 17.3916
YIQ	169.5880, 41.5420, -14.9860

Conversions

Conversions Part 2

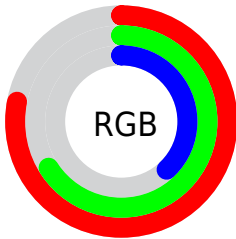
Format	Color
RYB	145, 200, 98
Decimal	13150306
CIELab	70.29, 2.83, 40.27
CIELCh	70, 40.364, 85.983
Yxy	41.1665, 0.4060, 0.4176
Android (android.graphics.Color)	4291340386 (0xFFC8A862)
YUV	169.5880, -35.2929, 26.6713
Hunter-Lab	64.1611, -0.9254, 28.8416

Details

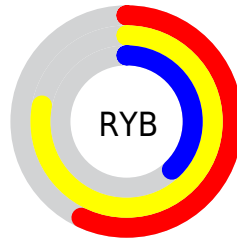
The XYZ color **40.0267, 41.1665, 17.3916** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **23.4447, 22.7313, 57.7954**, and the grayscale version is **38.1598, 40.1471, 43.7202**.

A 20% lighter version of the original color is **73.1327, 76.2374, 39.7149**, and **18.3014, 18.6418, 5.5394** is the 20% darker color. If you saturate the color by 10%, you get **38.0677, 38.5757, 12.6476**, and if you desaturate by 10%, it is **42.2795, 43.9674, 23.3984**.

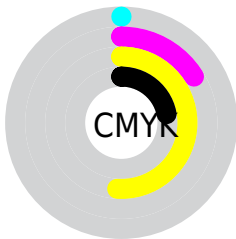
Distribution



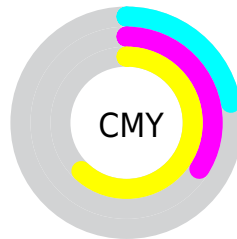
- Red (78%)
- Green (66%)
- Blue (38%)



- Red (57%)
- Yellow (78%)
- Blue (38%)



- Cyan (0%)
- Magenta (16%)
- Yellow (51%)
- Black (22%)



- Cyan (22%)
- Magenta (34%)
- Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 40.0267, 41.1665, 17.3916 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 40.0267, 41.1665, 17.3916 by changing the saturation by 10% instead.

■ 40.0267, 41.1665,
17.3916

■ 40.0267, 41.1665,
17.3916

337.3686,
351.0160, 249.5390

■ 27.7437, 28.4492,
10.3492

■ 74.4883, 76.9366,
39.7977

■ 18.2720, 18.6646,
5.5225

■ 97.3975, 100.7582,
55.9984

■ 11.2463, 11.4281,
2.4929

■ 124.5795,
129.0500, 76.0891

■ 6.3013, 6.3556,
0.8364

■ 156.3996,
162.1964, 100.4881

■ 3.0715, 3.0625,
0.0000

193.2232,
200.5818, 129.6140

■ 1.1917, 1.1644,
0.0000

235.4157,

■ 0.0998, 0.0324,

244.5906, 163.8855

0.0000

283.3424,
294.6072, 203.7209

■ 0.0000, 0.0000,
0.0000

■ 40.0267, 41.1665,
17.3916

■ 40.0267, 41.1665,
17.3916

■ 38.0677, 38.5757,
12.6476

■ 42.2795, 43.9674,
23.3984

■ 36.3809, 36.1803,
9.0693

■ 44.8400, 46.9804,
30.7504

■ 34.9459, 33.9727,
6.5494

■ 47.7245, 50.2149,
39.5258

■ 33.7377, 31.9412,
4.9595

■ 50.9475, 53.6778,
49.7962

■ 32.8026, 30.2459,
4.1091

■ 54.5220, 57.3754,
61.6283

■ 58.4609, 61.3141,
75.0847

■ 62.7759, 65.4996,
90.2245

■ 66.9911, 69.7428,
104.5386

■ 68.6508, 73.0623,
105.0919

Harmonies

Analogous

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



46.6953, 41.1665, 20.8748



40.0267, 41.1665, 17.3916



33.8079, 41.1665, 19.3766

Triad

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



40.0267, 41.1665, 17.3916



28.7574, 41.1665, 62.7811



50.6642, 41.1665, 68.4871

Complementary

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



40.0267, 41.1665, 17.3916



23.4447, 22.7313, 57.7954

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.



44.9778, 41.1665, 86.2658



40.0267, 41.1665, 17.3916



32.4250, 41.1665, 82.3717

Square

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



40.0267, 41.1665, 17.3916



27.7464, 41.1665, 42.3159



38.2419, 41.1665, 91.9530



53.2599, 41.1665, 47.4279

Rectangle

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



40.0267, 41.1665, 17.3916



30.6632, 41.1665, 23.9518



38.2419, 41.1665, 91.9530



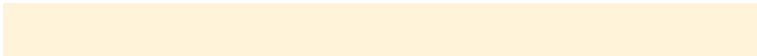
49.0216, 41.1665, 75.2529

Sweetspot

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



40.0277, 41.1685, 17.3924



85.7830, 90.3590, 78.3951



32.2368, 22.6349, 23.8952



18.1065, 19.0667, 15.9696



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.



40.0277, 41.1685, 17.3924



65.6350, 66.4120, 21.2769



41.9855, 52.0504, 19.3897



11.2324, 11.8340, 11.2549



20.9403, 19.3977, 2.6405



1.0542, 1.0438, 0.1459

Inverse Universe

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



23.4447, 22.7313, 57.7954



33.8729, 31.1541, 98.8358



22.0893, 16.6672, 56.6963



10.3236, 10.8214, 13.4621



7.8210, 5.0360, 35.3042



0.4358, 0.3695, 1.6935

Previews

White Background



This preview shows how the XYZ color 40.0267, 41.1665, 17.3916 looks on a white background.

Color Contrast Check

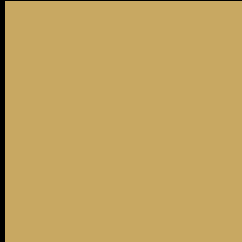
Large Text (above 18pt) WCAG AA × Fail

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 40.0267, 41.1665, 17.3916 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 40.0267, 41.1665, 17.3916

Background



This preview shows how black text looks on a background with the XYZ color 40.0267, 41.1665, 17.3916.



This preview shows how white text looks on a background with the XYZ color 40.0267, 41.1665,

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

40.0267, 41.1665, 17.3916

Protanopia

37.9909, 41.2247, 17.7592

Deuteranopia

41.8221, 41.0071, 17.5153



Tritanopia

45.5767, 41.0402, 44.5491

Trichromacy



Original Color

40.0267, 41.1665, 17.3916

Protanomaly

38.8074, 41.3641, 17.7431

Deuteranomaly

41.1609, 40.9329, 17.5358

Tritanomaly

42.9330, 40.7224, 32.3855

Monochromacy



Original Color

40.0267, 41.1665, 17.3916

Achromatopsia

38.2080, 40.1978, 43.7754

Achromatomaly

38.2781, 40.2133, 32.1300

CSS Examples

Text

The CSS property to change the color of the text to XYZ 40.0267, 41.1665, 17.3916 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, 168, 98)` looks like.

```
.text, #text, p{  
    color:rgb(200, 168, 98)  
}
```

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, 168, 98) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(200, 168, 98) }
```

Border

The CSS property to change the border of an element to XYZ 40.0267, 41.1665, 17.3916 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, 168, 98) }
```


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

```
.border{ border-color:rgb(200, 168, 98) }
```

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

Here you see how a box with a 4 pixel `rgb(200, 168, 98)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(200, 168, 98); -webkit-box-  
shadow:4px 4px 4px 4px rgb(200, 168, 98);  
box-shadow:4px 4px 4px 4px rgb(200, 168,  
98) }
```

Background

The CSS property to change the background color of an element to XYZ 40.0267, 41.1665, 17.3916 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(200, 168, 98) }
```

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

```
.background{ background-color: rgb(200,  
168, 98) }
```

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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