

Converting Colors

XYZ(40.1245, 33.3503, 27.3183)

Have a look what the booklet for
XYZ(40.1245, 33.3503, 27.3183)
contains.

XYZ(40.0413, 33.2065, 27.2208)	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(40.0413, 33.2065,
27.2208)**

Conversions

Conversions Part 1

Format	Color
Hex	D38887
RGB	211, 136, 135
RGB Percent	83%, 53%, 53%
CMY	0.1725, 0.4666, 0.4706
CMYK	0.00, 0.36, 0.36, 0.17
HSL	1°, 46%, 68%
HSV	1°, 36%, 83%
XYZ	40.0413, 33.2065, 27.2208
YIQ	158.3110, 45.0210, 15.5890

Conversions

Conversions Part 2

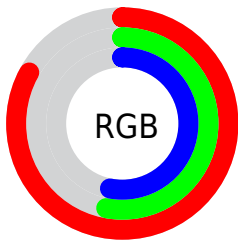
Format	Color
R _Y B	211, 136, 135
Decimal	13863047
CIE Lab	64.33, 28.58, 12.50
CIE LCh	64, 31.198, 23.628
Yxy	33.2065, 0.3985, 0.3305
Android (android.graphics.Color)	4292053127 (0xFFD38887)
YUV	158.3110, -11.4923, 46.2083
Hunter-Lab	57.6251, 23.1884, 12.3303

Details

The XYZ color **40.0413, 33.2065, 27.2208** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **44.7952, 55.9450, 70.0655**, and the grayscale version is **32.6777, 34.3795, 37.4392**.

A 20% lighter version of the original color is **68.7306, 61.7178, 55.8672**, and **18.2146, 14.0229, 10.3410** is the 20% darker color. If you saturate the color by 10%, you get **36.0474, 27.3652, 19.2722**, and if you desaturate by 10%, it is **44.9010, 40.3080, 36.9111**.

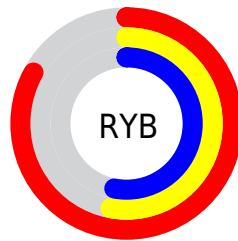
Distribution



Red (83%)

Green (53%)

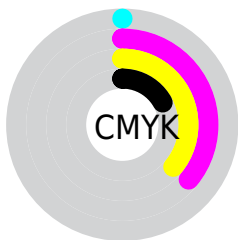
Blue (53%)



Red (83%)

Yellow (53%)

Blue (53%)

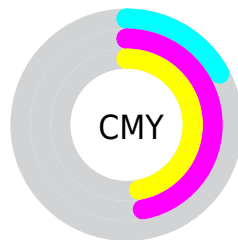


Cyan (0%)

Magenta (36%)

Yellow (36%)

Black (17%)



Cyan (17%)

Magenta (47%)

Yellow (47%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 40.0413, 33.2065, 27.2208 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 40.0413, 33.2065, 27.2208 by changing the saturation by 10% instead.


 40.0413, 33.2065,
27.2208


 40.0413, 33.2065,
27.2208


337.4290,
316.5792, 302.5185


 27.7551, 22.2847,
17.5052


 74.5103, 64.6978,
56.2460

 18.2806, 14.0662,
10.4296


 97.4239, 86.0361,
76.3927

 11.2526, 8.1667,
5.5754


 124.6106,
111.6153, 100.8536

 6.3055, 4.2018,
2.5241

156.4358,
141.8198, 130.0471

 3.0742, 1.7871,
0.8529

193.2649,
177.0341, 164.3918

 1.1931, 0.4791,
0.0000

235.4633,

 0.1009, 0.0000,

217.6425, 204.3062

0.0000

283.3962,
264.0294, 250.2090

■ 0.0000, 0.0000,
0.0000

■ 40.0413, 33.2065,
27.2208

■ 40.0413, 33.2065,
27.2208

■ 36.0474, 27.3652,
19.2722

■ 44.9010, 40.3080,
36.9111

■ 32.8660, 22.7059,
12.9603

■ 50.6703, 48.7321,
48.4358

■ 30.4423, 19.1496,
8.1717

■ 57.3932, 58.5429,
61.8833

■ 28.7132, 16.6053,
4.7778

■ 65.1103, 69.7990,
77.3359

■ 27.6058, 14.9677,
2.6292

■ 73.8595, 82.5556,
94.8709

■ 27.0306, 14.1085,
1.5398

■ 80.6739, 92.5889,
108.2272

■ 26.8942, 13.9094,
1.2673

Harmonies

Analogous

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



40.8227, 33.2065, 38.9366



40.0413, 33.2065, 27.2208



36.8965, 33.2065, 19.8350

Triad

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



40.0413, 33.2065, 27.2208



25.1786, 33.2065, 23.5155



30.6243, 33.2065, 66.2815

Complementary

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



40.0413, 33.2065, 27.2208



44.7952, 55.9450, 70.0655

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.



26.7678, 33.2065, 59.6143



40.0413, 33.2065, 27.2208



23.8194, 33.2065, 33.5115

Square

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



40.0413, 33.2065, 27.2208



28.2644, 33.2065, 18.0726



24.3728, 33.2065, 46.8600



35.1062, 33.2065, 63.4799

Rectangle

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



40.0413, 33.2065, 27.2208



34.0283, 33.2065, 17.4147



24.3728, 33.2065, 46.8600



29.2174, 33.2065, 65.0314

Sweetspot

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



40.0422, 33.2081, 27.2214



82.6551, 81.9171, 84.0921



47.2859, 35.8803, 66.0613



17.3923, 17.0969, 17.4006



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.



40.0422, 33.2081, 27.2214



56.7804, 44.1203, 32.4532



46.1809, 45.4855, 29.2677



11.8211, 11.8329, 12.2730



16.2365, 8.4061, 0.7668



0.9123, 0.4790, 0.0444

Inverse Universe

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



44.7952, 55.9450, 70.0655



65.0882, 83.8703, 107.3658



36.6934, 39.7415, 67.3649



12.1444, 13.3791, 15.1860



20.7458, 30.1382, 41.9163



1.1644, 1.6939, 2.3452

Previews

White Background



This preview shows how the XYZ color 40.0413, 33.2065, 27.2208 looks on a white background.

Color Contrast Check

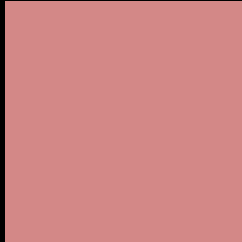
Large Text (above 18pt) WCAG AA × Fail

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 40.0413, 33.2065, 27.2208 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

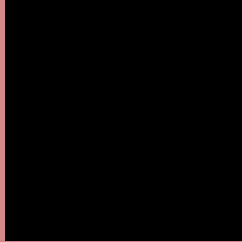
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 40.0413, 33.2065, 27.2208

Background



This preview shows how black text looks on a background with the XYZ color 40.0413, 33.2065, 27.2208.



This preview shows how white text looks on a background with the XYZ color 40.0413, 33.2065,

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

40.0413, 33.2065, 27.2208

Protanopia

31.8996, 33.5026, 31.5734

Deuteranopia

33.8936, 33.1819, 26.4482



Tritanopia

40.9262, 33.3693, 31.0719

Trichromacy



Original Color

40.0413, 33.2065, 27.2208

Protanomaly

34.3776, 33.1213, 29.7805

Deuteranomaly

35.8449, 33.0206, 26.6747

Tritanomaly

40.6231, 33.2481, 29.4758

Monochromacy



Original Color

40.0413, 33.2065, 27.2208

Achromatopsia

32.4990, 34.1914, 37.2345

Achromatomaly

34.5428, 33.3618, 33.4730

CSS Examples

Text

The CSS property to change the color of the text to XYZ 40.0413, 33.2065, 27.2208 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(211, 136, 135)` looks like.

```
.text, #text, p{  
    color:rgb(211, 136, 135)  
}
```

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(211, 136, 135) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(211, 136, 135) }
```

Border

The CSS property to change the border of an element to XYZ 40.0413, 33.2065, 27.2208 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(211, 136, 135) }
```


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

```
.border{ border-color:rgb(211, 136, 135) }
```

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

Here you see how a box with a 4 pixel `rgb(211, 136, 135)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(211, 136, 135); -webkit-box-  
shadow:4px 4px 4px 4px rgb(211, 136, 135);  
box-shadow:4px 4px 4px 4px rgb(211, 136,  
135) }
```

Background

The CSS property to change the background color of an element to XYZ 40.0413, 33.2065, 27.2208 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(211, 136, 135) }
```

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

```
.background{ background-color: rgb(211,  
136, 135) }
```

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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