

Converting Colors

XYZ(40.1477, 33.2078, 25.8137)

Have a look what the booklet for
XYZ(40.1477, 33.2078, 25.8137)
contains.

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Color

**XYZ(40.0523, 33.2441,
25.7785)**

Conversions

Conversions Part 1

Format	Color
Hex	D48883
RGB	212, 136, 131
RGB Percent	83%, 53%, 51%
CMY	0.1686, 0.4666, 0.4863
CMYK	0.00, 0.36, 0.38, 0.17
HSL	4°, 49%, 67%
HSV	4°, 38%, 83%
XYZ	40.0523, 33.2441, 25.7785
YIQ	158.1540, 46.9010, 14.5570

Conversions

Conversions Part 2

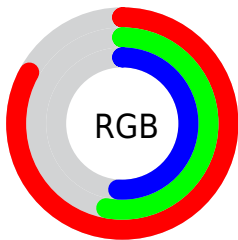
Format	Color
R _Y B	212, 136, 131
Decimal	13928579
CIE Lab	64.36, 28.49, 14.82
CIE LCh	64, 32.112, 27.489
Yxy	33.2441, 0.4043, 0.3355
Android (android.graphics.Color)	4292118659 (0xFFD48883)
YUV	158.1540, -13.3869, 47.2229
Hunter-Lab	57.6577, 23.0952, 13.8521

Details

The XYZ color **40.0523, 33.2441, 25.7785** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **43.5556, 54.2022, 70.4538**, and the grayscale version is **32.6140, 34.3125, 37.3663**.

A 20% lighter version of the original color is **68.3052, 61.5476, 53.6272**, and **18.2891, 14.0748, 9.7354** is the 20% darker color. If you saturate the color by 10%, you get **36.2138, 27.6360, 18.1207**, and if you desaturate by 10%, it is **44.7064, 40.0127, 35.1591**.

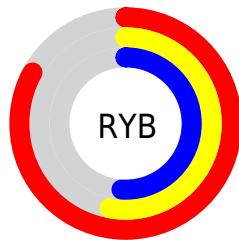
Distribution



Red (83%)

Green (53%)

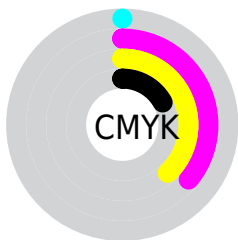
Blue (51%)



Red (83%)

Yellow (53%)

Blue (51%)

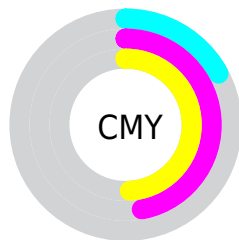


Cyan (0%)

Magenta (36%)

Yellow (38%)

Black (17%)



Cyan (17%)

Magenta (47%)


Yellow (49%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 40.0523, 33.2441, 25.7785 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 40.0523, 33.2441, 25.7785 by changing the saturation by 10% instead.


 40.0523, 33.2441,
25.7785


 40.0523, 33.2441,
25.7785


337.4746,
316.7482, 295.2639


 27.7637, 22.3135,
16.4337


 74.5270, 64.7564,
53.8971

 18.2872, 14.0874,
9.6739


 97.4438, 86.1070,
73.5080

 11.2573, 8.1815,
5.0805


 124.6341,
111.6996, 97.3780

 6.3087, 4.2113,
2.2350

156.4631,
141.9188, 125.9257

 3.0761, 1.7925,
0.6945

193.2964,
177.1488, 159.5696

 1.1942, 0.4825,
0.0000

235.4991,

 0.1017, 0.0000,

217.7741, 198.7282

0.0000

283.4367,
264.1791, 243.8201

■ 0.0000, 0.0000,
0.0000

■ 40.0523, 33.2441,
25.7785

■ 40.0523, 33.2441,
25.7785

■ 36.2138, 27.6360,
18.1207

■ 44.7064, 40.0127,
35.1591

■ 33.1413, 23.1186,
12.0792

■ 50.2165, 47.9965,
46.3565

■ 30.7842, 19.6224,
7.5385

■ 56.6236, 57.2531,
59.4602

■ 29.0844, 17.0676,
4.3671

■ 63.9652, 67.8344,
74.5530

■ 27.9747, 15.3629,
2.4107

■ 72.2768, 79.7898,
91.7132

■ 27.3675, 14.3960,
1.4454

■ 80.9614, 92.7371,
108.2407

■ 27.2966, 14.2874,
1.3191

Harmonies

Analogous

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



41.2156, 33.2441, 37.3113



40.0523, 33.2441, 25.7785



36.5602, 33.2441, 18.8509

Triad

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



40.0523, 33.2441, 25.7785



24.7509, 33.2441, 24.2849



31.2140, 33.2441, 67.6134

Complementary

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



40.0523, 33.2441, 25.7785



43.5556, 54.2022, 70.4538

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.



27.1056, 33.2441, 61.8402



40.0523, 33.2441, 25.7785



23.6058, 33.2441, 35.1055

Square

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



40.0523, 33.2441, 25.7785



27.7122, 33.2441, 18.1459



24.4251, 33.2441, 49.1015



35.8300, 33.2441, 63.4297

Rectangle

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



40.0523, 33.2441, 25.7785



33.5398, 33.2441, 16.7665



24.4251, 33.2441, 49.1015



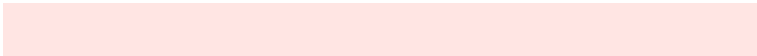
29.7317, 33.2441, 66.7472

Sweetspot

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



40.0532, 33.2457, 25.7791



83.0299, 82.6667, 84.2170



46.6468, 34.7815, 63.8973



17.4807, 17.2737, 17.4301



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.



40.0532, 33.2457, 25.7791



55.9232, 43.3211, 29.3454



46.6855, 46.5105, 27.9899



12.4842, 12.5427, 12.9237



16.8766, 8.8704, 0.8227



1.0401, 0.5793, 0.0570

Inverse Universe

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



43.5556, 54.2022, 70.4538



61.9730, 79.5803, 106.7020



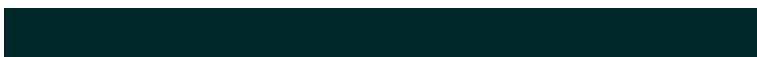
35.1453, 37.3817, 67.6504



12.7234, 13.9703, 15.9635



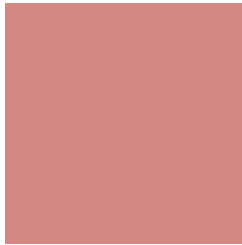
19.9582, 28.1781, 42.8402



1.2241, 1.7402, 2.5907

Previews

White Background



This preview shows how the XYZ color 40.0523, 33.2441, 25.7785 looks on a white background.

Color Contrast Check

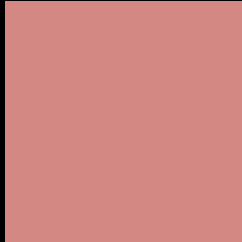
Large Text (above 18pt) WCAG AA × Fail

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 40.0523, 33.2441, 25.7785 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 40.0523, 33.2441, 25.7785

Background



This preview shows how black text looks on a background with the XYZ color 40.0523, 33.2441, 25.7785.



This preview shows how white text looks on a background with the XYZ color 40.0523, 33.2441,

25.7785.

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

40.0523, 33.2441, 25.7785

Protanopia

31.8004, 33.4866, 29.9868

Deuteranopia

33.8587, 33.1950, 25.0448



Tritanopia

40.9997, 33.2099, 30.6348

Trichromacy



Original Color

40.0523, 33.2441, 25.7785

Protanomaly

34.3189, 33.1248, 28.2518

Deuteranomaly

35.8261, 33.0422, 25.2584

Tritanomaly

40.7647, 33.3382, 28.7125

Monochromacy



Original Color

40.0523, 33.2441, 25.7785

Achromatopsia

32.4990, 34.1914, 37.2345

Achromatomaly

34.6117, 33.4158, 32.6426

CSS Examples

Text

The CSS property to change the color of the text to XYZ 40.0523, 33.2441, 25.7785 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(212, 136, 131)` looks like.

```
.text, #text, p{  
    color:rgb(212, 136, 131)  
}
```

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(212, 136, 131) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(212, 136, 131) }
```

Border

The CSS property to change the border of an element to XYZ 40.0523, 33.2441, 25.7785 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(212, 136, 131) }
```


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

```
.border{ border-color:rgb(212, 136, 131) }
```

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

Here you see how a box with a 4 pixel `rgb(212, 136, 131)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(212, 136, 131); -webkit-box-shadow:4px 4px 4px 4px rgb(212, 136, 131); box-shadow:4px 4px 4px 4px rgb(212, 136, 131) }
```

Background

The CSS property to change the background color of an element to XYZ 40.0523, 33.2441, 25.7785 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(212, 136, 131) }
```

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

```
.background{ background-color: rgb(212,  
136, 131) }
```

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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