

Converting Colors

XYZ(40.4574, 32.0315, 23.2764)

Have a look what the booklet for
XYZ(40.4574, 32.0315, 23.2764)
contains.

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Color

**XYZ(40.4018, 32.0612,
23.1278)**

Conversions

Conversions Part 1

Format	Color
Hex	DA817C
RGB	218, 129, 124
RGB Percent	85%, 51%, 49%
CMY	0.1451, 0.4941, 0.5137
CMYK	0.00, 0.41, 0.43, 0.15
HSL	3°, 56%, 67%
HSV	3°, 43%, 85%
XYZ	40.4018, 32.0612, 23.1278
YIQ	155.0410, 54.6490, 17.3130

Conversions

Conversions Part 2

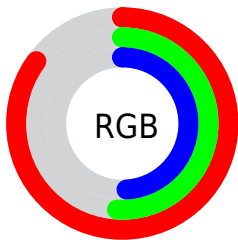
Format	Color
R_{YB}	218, 129, 124
Decimal	14319996
CIE Lab	63.39, 33.73, 17.55
CIE LCh	63, 38.026, 27.492
Yxy	32.0612, 0.4227, 0.3354
Android (android.graphics.Color)	4292510076 (0xFFDA817C)
YUV	155.0410, -15.3032, 55.2150
Hunter-Lab	56.6226, 28.2751, 15.4185

Details

The XYZ color **40.4018, 32.0612, 23.1278** is a light color, and the websafe version is hex **CC6666**. A complement of this color would be **44.7601, 56.9329, 74.9596**, and the grayscale version is **31.2234, 32.8494, 35.7730**.

A 20% lighter version of the original color is **66.1093, 58.3013, 49.3639**, and **18.4916, 13.4304, 8.2743** is the 20% darker color. If you saturate the color by 10%, you get **36.7230, 26.6714, 15.8353**, and if you desaturate by 10%, it is **44.9361, 38.6742, 32.2095**.

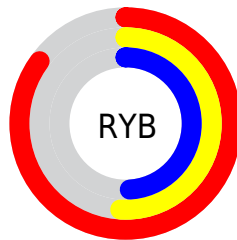
Distribution



Red (85%)

Green (51%)

Blue (49%)



Red (85%)

Yellow (51%)

Blue (49%)

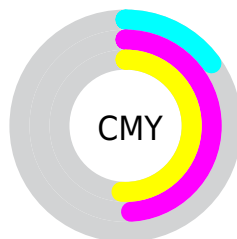


Cyan (0%)

Magenta (41%)

Yellow (43%)

Black (15%)



Cyan (15%)

Magenta (49%)

Yellow (51%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 40.4018, 32.0612, 23.1278 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 40.4018, 32.0612, 23.1278 by changing the saturation by 10% instead.


 40.4018, 32.0612,
23.1278


 40.4018, 32.0612,
23.1278


338.9196,
311.3979, 281.5239


 28.0376, 21.4082,
14.4817


 75.0554, 62.9070,
49.5289

 18.4946, 13.4227,
8.3139


 98.0755, 83.8687,
68.1211

 11.4075, 7.7203,
4.2058


 125.3783,
109.0354, 90.8656

 6.4109, 3.9165,
1.7389

157.3291,
138.7915, 118.1812

 3.1395, 1.6270,
0.3872

194.2933,
173.5214, 150.4862

 1.2280, 0.3757,
0.0000

236.6362,

 0.1283, 0.0000,

213.6095, 188.1994

0.0000

284.7232,
259.4402, 231.7391

■ 0.0000, 0.0000,
0.0000

■ 40.4018, 32.0612,
23.1278

■ 40.4018, 32.0612,
23.1278

■ 36.7230, 26.6714,
15.8353

■ 44.9361, 38.6742,
32.2095

■ 33.8436, 22.4254,
10.2121

■ 50.3723, 46.5740,
43.1860

■ 31.7049, 19.2419,
6.1267

■ 56.7565, 55.8253,
56.1566

■ 30.2389, 17.0270,
3.4267

■ 64.1309, 66.4874,
71.2135

■ 29.3648, 15.6703,
1.9289

■ 72.5351, 78.6158,
88.4428

■ 29.0402, 15.1589,
1.3954

■ 82.0066, 92.2630,
107.9261

■ 82.7234, 93.6454,
108.3231

Harmonies

Analogous

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



41.7901, 32.0612, 36.1977



40.4018, 32.0612, 23.1278



36.2649, 32.0612, 15.6736

Triad

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



40.4018, 32.0612, 23.1278



22.6842, 32.0612, 21.4924



30.0309, 32.0612, 72.7865

Complementary

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



40.4018, 32.0612, 23.1278



44.7601, 56.9329, 74.9596

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.



25.3335, 32.0612, 65.6401



40.4018, 32.0612, 23.1278



21.4095, 32.0612, 33.6517

Square

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



40.4018, 32.0612, 23.1278



26.0203, 32.0612, 14.9390



22.3211, 32.0612, 50.1351



35.4072, 32.0612, 67.5985

Rectangle

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



40.4018, 32.0612, 23.1278



32.7266, 32.0612, 13.5134



22.3211, 32.0612, 50.1351



28.3257, 32.0612, 71.7104

Sweetspot

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



40.4026, 32.0628, 23.1284



80.9570, 79.6306, 80.1052



48.1695, 34.1403, 67.2015



16.8684, 16.3786, 16.2098



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.



40.4026, 32.0628, 23.1284



52.6888, 38.4972, 23.1963



48.0182, 47.2940, 25.6669



13.1114, 13.1621, 13.5751



17.4224, 9.1303, 0.8441



1.1487, 0.6316, 0.0614

Inverse Universe

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



44.7601, 56.9329, 74.9596



59.6816, 78.4844, 106.6112



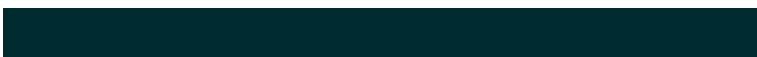
34.6581, 36.7289, 71.5923



13.3824, 14.7045, 16.7851



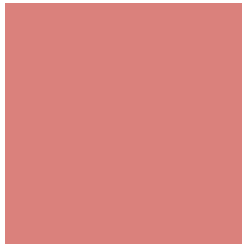
20.8870, 29.6434, 44.3593



1.3717, 1.9576, 2.8800

Previews

White Background



This preview shows how the XYZ color 40.4018, 32.0612, 23.1278 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 40.4018, 32.0612, 23.1278 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 40.4018, 32.0612, 23.1278

Background



This preview shows how black text looks on a background with the XYZ color 40.4018, 32.0612, 23.1278.



This preview shows how white text looks on a background with the XYZ color 40.4018, 32.0612,

23.1278.

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

40.4018, 32.0612, 23.1278

Protanopia

30.5331, 32.1371, 27.8864

Deuteranopia

32.8635, 32.2636, 22.5846



Tritanopia

41.2467, 32.0164, 27.2984

Trichromacy



Original Color

40.4018, 32.0612, 23.1278

Protanomaly

33.4295, 31.5575, 26.1591

Deuteranomaly

35.2859, 31.9242, 22.7146

Tritanomaly

41.0974, 32.1644, 25.8721

Monochromacy



Original Color

40.4018, 32.0612, 23.1278

Achromatopsia

31.1553, 32.7778, 35.6950

Achromatomaly

33.6730, 32.0364, 30.7944

CSS Examples

Text

The CSS property to change the color of the text to XYZ 40.4018, 32.0612, 23.1278 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(218, 129, 124)` looks like.

```
.text, #text, p{  
    color:rgb(218, 129, 124)  
}
```

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(218, 129, 124) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(218, 129, 124) }
```

Border

The CSS property to change the border of an element to XYZ 40.4018, 32.0612, 23.1278 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(218, 129, 124) }
```


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

```
.border{ border-color:rgb(218, 129, 124) }
```

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

Here you see how a box with a 4 pixel rgb(218, 129, 124) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(218, 129, 124); -webkit-box-  
shadow:4px 4px 4px 4px rgb(218, 129, 124);  
box-shadow:4px 4px 4px 4px rgb(218, 129,  
124) }
```

Background

The CSS property to change the background color of an element to XYZ 40.4018, 32.0612, 23.1278 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(218, 129, 124) }
```

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

```
.background{ background-color: rgb(218,  
129, 124) }
```

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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