

Converting Colors

XYZ(40.4307, 32.7345, 22.8695)

Have a look what the booklet for
XYZ(40.4307, 32.7345, 22.8695)
contains.

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Color

**XYZ(40.4417, 32.6843,
22.9161)**

Conversions

Conversions Part 1

Format	Color
Hex	D9847B
RGB	217, 132, 123
RGB Percent	85%, 52%, 48%
CMY	0.1490, 0.4823, 0.5176
CMYK	0.00, 0.39, 0.43, 0.15
HSL	6°, 55%, 67%
HSV	6°, 43%, 85%
XYZ	40.4417, 32.6843, 22.9161
YIQ	156.3890, 53.5490, 15.2210

Conversions

Conversions Part 2

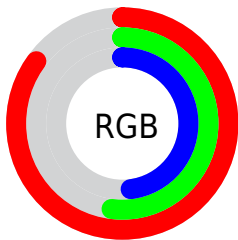
Format	Color
RYB	217, 133, 123
Decimal	14255227
CIELab	63.90, 31.65, 18.80
CIELCh	64, 36.815, 30.708
Yxy	32.6843, 0.4211, 0.3403
Android (android.graphics.Color)	4292445307 (0xFFD9847B)
YUV	156.3890, -16.4608, 53.1558
Hunter-Lab	57.1702, 26.2216, 16.2533

Details

The XYZ color **40.4417, 32.6843, 22.9161** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **43.2476, 54.3301, 73.8529**, and the grayscale version is **31.8291, 33.4867, 36.4670**.

A 20% lighter version of the original color is **66.5368, 59.4730, 48.5300**, and **18.4765, 13.7502, 8.1588** is the 20% darker color. If you saturate the color by 10%, you get **36.8157, 27.3706, 15.7321**, and if you desaturate by 10%, it is **44.8709, 39.1224, 31.8538**.

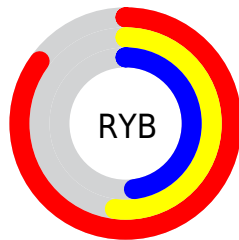
Distribution



Red (85%)

Green (52%)

Blue (48%)



Red (85%)

Yellow (52%)

Blue (48%)

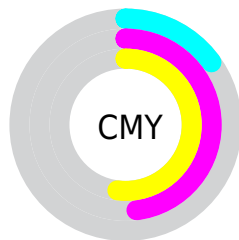


Cyan (0%)

Magenta (39%)

Yellow (43%)

Black (15%)



Cyan (15%)


Magenta (48%)


Yellow (52%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 40.4417, 32.6843, 22.9161 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 40.4417, 32.6843, 22.9161 by changing the saturation by 10% instead.


 40.4417, 32.6843,
22.9161


 40.4417, 32.6843,
22.9161

339.0844,
314.2248, 280.4017

 28.0688, 21.8847,
14.3268


 75.1157, 63.8823,
49.1770

 18.5183, 13.7722,
8.2070


 98.1476, 85.0496,
67.6857

 11.4247, 7.9624,
4.1380


 125.4632,
110.4415, 90.3380

 6.4226, 4.0709,
1.7014

157.4279,
140.4424, 117.5523

 3.1468, 1.7133,
0.3617

194.4069,
175.4368, 149.7474

 1.2319, 0.4322,
0.0000

236.7658,

 0.1313, 0.0000,

215.8091, 187.3416

0.0000

284.8698,
261.9436, 230.7535

■ 0.0000, 0.0000,
0.0000

■ 40.4417, 32.6843,
22.9161

■ 40.4417, 32.6843,
22.9161

■ 36.8157, 27.3706,
15.7321

■ 44.8709, 39.1224,
31.8538

■ 33.9421, 23.1123,
10.1845

■ 50.1449, 46.7393,
42.6483

■ 31.7684, 19.8400,
6.1449

■ 56.3056, 55.5916,
55.3967

■ 30.2338, 17.4743,
3.4646

■ 63.3913, 65.7308,
70.1892

■ 29.2671, 15.9231,
1.9644

■ 71.4379, 77.2055,
87.1099

■ 28.8795, 15.2803,
1.4273

■ 80.4796, 90.0618,
106.2385

■ 82.4252, 93.4917,
108.3092

Harmonies

Analogous

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



42.1291, 32.6843, 35.2362



40.4417, 32.6843, 22.9161



36.1987, 32.6843, 16.0540

Triad

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



40.4417, 32.6843, 22.9161



23.1621, 32.6843, 23.3746



31.1887, 32.6843, 72.4173

Complementary

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



40.4417, 32.6843, 22.9161



43.2476, 54.3301, 73.8529

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.



26.4420, 32.6843, 66.7193



40.4417, 32.6843, 22.9161



22.1311, 32.6843, 35.9414

Square

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



40.4417, 32.6843, 22.9161



26.2509, 32.6843, 16.2623



23.2635, 32.6843, 52.2356



36.4354, 32.6843, 66.1846

Rectangle

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



40.4417, 32.6843, 22.9161



32.7018, 32.6843, 14.2045



23.2635, 32.6843, 52.2356



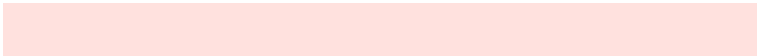
29.4846, 32.6843, 71.8213

Sweetspot

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



40.4425, 32.6859, 22.9167



81.3369, 80.3902, 80.2318



47.2276, 33.5296, 64.4125



16.9606, 16.5630, 16.2406



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.



40.4425, 32.6859, 22.9167



53.4560, 40.0317, 23.4520



48.0778, 47.9565, 25.4618



13.1559, 13.2511, 13.5899



17.5166, 9.3189, 0.8755



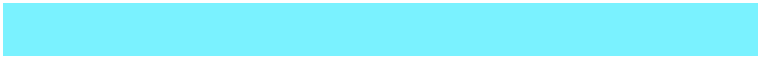
1.1699, 0.6740, 0.0684

Inverse Universe

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



43.2476, 54.3301, 73.8529



57.9735, 75.0682, 106.0418



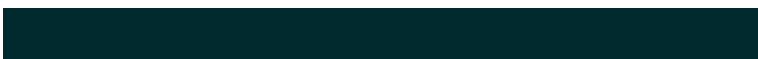
33.6427, 35.1204, 70.6513



13.3327, 14.6052, 16.7685



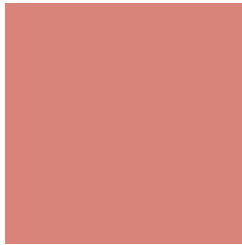
19.6029, 27.0752, 43.9312



1.3016, 1.8174, 2.8566

Previews

White Background



This preview shows how the XYZ color 40.4417, 32.6843, 22.9161 looks on a white background.

Color Contrast Check

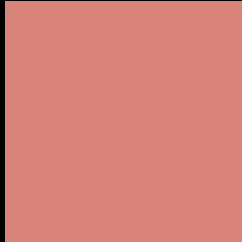
Large Text (above 18pt) WCAG AA × Fail

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 40.4417, 32.6843, 22.9161 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

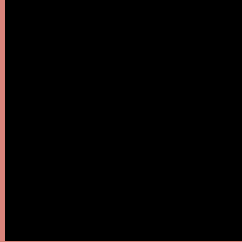
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 40.4417, 32.6843, 22.9161

Background



This preview shows how black text looks on a background with the XYZ color 40.4417, 32.6843, 22.9161.



This preview shows how white text looks on a background with the XYZ color 40.4417, 32.6843,

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

40.4417, 32.6843, 22.9161

Protanopia

31.1287, 32.9505, 27.2737

Deuteranopia

33.4290, 32.7960, 22.3377



Tritanopia

41.5563, 32.7348, 28.5543

Trichromacy



Original Color

40.4417, 32.6843, 22.9161

Protanomaly

33.9914, 32.5464, 25.6096

Deuteranomaly

35.7793, 32.6275, 22.5011

Tritanomaly

41.2634, 32.8315, 26.3526

Monochromacy



Original Color

40.4417, 32.6843, 22.9161

Achromatopsia

31.5995, 33.2452, 36.2040

Achromatomaly

33.8279, 32.3460, 30.8460

CSS Examples

Text

The CSS property to change the color of the text to XYZ 40.4417, 32.6843, 22.9161 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(217, 132, 123)` looks like.

```
.text, #text, p{  
    color:rgb(217, 132, 123)  
}
```

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(217, 132, 123) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(217, 132, 123) }
```

Border

The CSS property to change the border of an element to XYZ 40.4417, 32.6843, 22.9161 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(217, 132, 123) }
```


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

```
.border{ border-color:rgb(217, 132, 123) }
```

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

Here you see how a box with a 4 pixel `rgb(217, 132, 123)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(217, 132, 123); -webkit-box-  
shadow:4px 4px 4px 4px rgb(217, 132, 123);  
box-shadow:4px 4px 4px 4px rgb(217, 132,  
123) }
```

Background

The CSS property to change the background color of an element to XYZ 40.4417, 32.6843, 22.9161 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(217, 132, 123) }
```

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

```
.background{ background-color: rgb(217,  
132, 123) }
```

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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