

Converting Colors

XYZ(42.2447, 34.8417, 24.7055)

Have a look what the booklet for
XYZ(42.2447, 34.8417, 24.7055)
contains.

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Color

**XYZ(42.1327, 34.7693,
24.5692)**

Conversions

Conversions Part 1

Format	Color
Hex	DB8A7F
RGB	219, 138, 127
RGB Percent	86%, 54%, 50%
CMY	0.1412, 0.4588, 0.5020
CMYK	0.00, 0.37, 0.42, 0.14
HSL	7°, 56%, 68%
HSV	7°, 42%, 86%
XYZ	42.1327, 34.7693, 24.5692
YIQ	160.9650, 51.8070, 13.7510

Conversions

Conversions Part 2

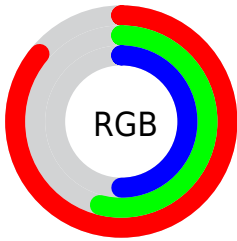
Format	Color
R _Y B	219, 139, 127
Decimal	14387839
CIE Lab	65.57, 29.65, 18.87
CIE LCh	66, 35.148, 32.481
Yxy	34.7693, 0.4152, 0.3427
Android (android.graphics.Color)	4292577919 (0xFFDB8A7F)
YUV	160.9650, -16.7447, 50.8967
Hunter-Lab	58.9655, 24.3542, 16.5714

Details

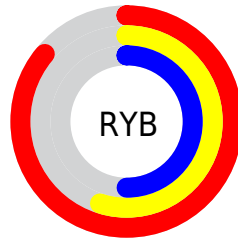
The XYZ color **42.1327, 34.7693, 24.5692** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **44.0936, 54.7362, 75.2591**, and the grayscale version is **33.9193, 35.6857, 38.8618**.

A 20% lighter version of the original color is **68.3279, 62.2546, 51.5951**, and **19.4813, 14.9435, 9.0653** is the 20% darker color. If you saturate the color by 10%, you get **38.3326, 29.2104, 17.0097**, and if you desaturate by 10%, it is **46.7358, 41.4377, 33.9275**.

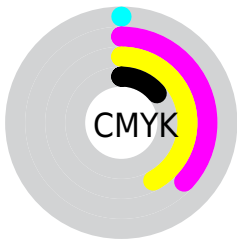
Distribution



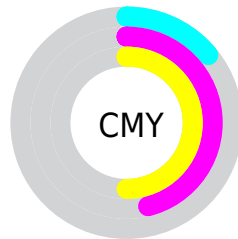
- Red (86%)
- Green (54%)
- Blue (50%)



- Red (86%)
- Yellow (55%)
- Blue (50%)



- Cyan (0%)
- Magenta (37%)
- Yellow (42%)
- Black (14%)





- Cyan (14%)
- Magenta (46%)
- Yellow (50%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 42.1327, 34.7693, 24.5692 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 42.1327, 34.7693, 24.5692 by changing the saturation by 10% instead.


 42.1327, 34.7693,
24.5692


 42.1327, 34.7693,
24.5692


346.0150,
323.5489, 289.0644

 29.3968, 23.4852,
15.5403


 77.6643, 67.1282,
51.9129

 19.5270, 14.9522,
9.0486


 101.1907, 88.9719,
71.0648

 12.1579, 8.7858,
4.6757


 129.0447,
115.1041, 94.4280

 6.9243, 4.6018,
2.0029

161.5915,
145.9094, 122.4213

 3.4607, 2.0156,
0.5570

199.1966,
181.7722, 155.4630

 1.4018, 0.6165,
0.0000

242.2254,

 0.2575, 0.0000,

223.0767, 193.9717

0.0000

291.0430,
270.2075, 238.3660

■ 0.0000, 0.0000,
0.0000

■ 42.1327, 34.7693,
24.5692

■ 42.1327, 34.7693,
24.5692

■ 38.3326, 29.2104,
17.0097

■ 46.7358, 41.4377,
33.9275

■ 35.2867, 24.6959,
11.1314

■ 52.1819, 49.2661,
45.1878

■ 32.9446, 21.1617,
6.8058

■ 58.5112, 58.3079,
58.4482

■ 31.2489, 18.5344,
3.8850

■ 65.7609, 68.6117,
73.7990

■ 30.1326, 16.7301,
2.1922

■ 73.9658, 80.2235,
91.3255

■ 29.5872, 15.8076,
1.4917

■ 82.6064, 92.9660,
108.1981

■ 83.0234, 93.8001,
108.3372

Harmonies

Analogous

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



43.9708, 34.7693, 36.6425



42.1327, 34.7693, 24.5692



37.8413, 34.7693, 17.8522

Triad

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



42.1327, 34.7693, 24.5692



25.0138, 34.7693, 26.1991



33.4780, 34.7693, 73.8855

Complementary

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



42.1327, 34.7693, 24.5692



44.0936, 54.7362, 75.2591

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.



28.6761, 34.7693, 69.0224



42.1327, 34.7693, 24.5692



24.1015, 34.7693, 39.0998

Square

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



42.1327, 34.7693, 24.5692



28.0054, 34.7693, 18.6069



25.3718, 34.7693, 55.2381



38.6604, 34.7693, 67.2050

Rectangle

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



42.1327, 34.7693, 24.5692



34.3612, 34.7693, 16.1141



25.3718, 34.7693, 55.2381



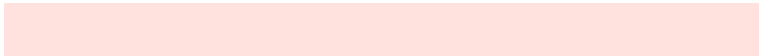
31.7671, 34.7693, 73.5464

Sweetspot

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



42.1336, 34.7710, 24.5699



81.5509, 80.8182, 80.3032



48.2210, 34.8063, 64.0236



17.0126, 16.6670, 16.2579



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.



42.1336, 34.7710, 24.5699



54.8886, 42.3756, 25.5363



50.1295, 50.7629, 27.2352



13.1809, 13.3011, 13.5982



17.5856, 9.4568, 0.8985



1.1818, 0.6977, 0.0724

Inverse Universe

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



44.0936, 54.7362, 75.2591



57.9633, 73.9430, 105.8252



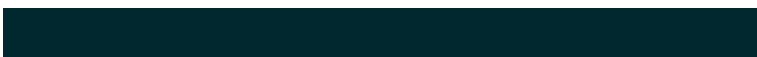
34.5063, 35.5616, 72.0633



13.3050, 14.5498, 16.7593



18.9170, 25.7035, 43.7026



1.2638, 1.7418, 2.8440

Previews

White Background



This preview shows how the XYZ color 42.1327, 34.7693, 24.5692 looks on a white background.

Color Contrast Check

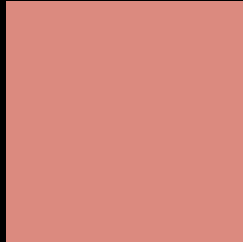
Large Text (above 18pt) WCAG AA × Fail

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 42.1327, 34.7693, 24.5692 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 42.1327, 34.7693, 24.5692

Background



This preview shows how black text looks on a background with the XYZ color 42.1327, 34.7693, 24.5692.



This preview shows how white text looks on a background with the XYZ color 42.1327, 34.7693,

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

42.1327, 34.7693, 24.5692

Protanopia

33.0619, 34.9272, 28.6660

Deuteranopia

35.5228, 34.8025, 23.9141



Tritanopia

43.5936, 34.7444, 31.1968

Trichromacy



Original Color

42.1327, 34.7693, 24.5692

Protanomaly

35.7938, 34.3915, 26.9420

Deuteranomaly

37.8448, 34.8026, 24.1250

Tritanomaly

42.9068, 34.6589, 28.4732

Monochromacy



Original Color

42.1327, 34.7693, 24.5692

Achromatopsia

33.8758, 35.6400, 38.8120

Achromatomaly

36.1075, 34.8975, 33.2666

CSS Examples

Text

The CSS property to change the color of the text to XYZ 42.1327, 34.7693, 24.5692 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(219, 138, 127)` looks like.

```
.text, #text, p{  
    color:rgb(219, 138, 127)  
}
```

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(219, 138, 127) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(219, 138, 127) }
```

Border

The CSS property to change the border of an element to XYZ 42.1327, 34.7693, 24.5692 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(219, 138, 127) }
```


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

```
.border{ border-color:rgb(219, 138, 127) }
```

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

Here you see how a box with a 4 pixel `rgb(219, 138, 127)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(219, 138, 127); -webkit-box-  
shadow:4px 4px 4px 4px rgb(219, 138, 127);  
box-shadow:4px 4px 4px 4px rgb(219, 138,  
127) }
```

Background

The CSS property to change the background color of an element to XYZ 42.1327, 34.7693, 24.5692 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(219, 138, 127) }
```

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

```
.background{ background-color: rgb(219,  
138, 127) }
```

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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