

Converting Colors

XYZ(41.3919, 35.0670, 22.1068)

Have a look what the booklet for
XYZ(41.3919, 35.0670, 22.1068)
contains.

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Color

**XYZ(41.4699, 35.1334,
22.0485)**

Conversions

Conversions Part 1

Format	Color
Hex	D98D77
RGB	217, 141, 119
RGB Percent	85%, 55%, 47%
CMY	0.1490, 0.4470, 0.5333
CMYK	0.00, 0.35, 0.45, 0.15
HSL	13°, 56%, 66%
HSV	13°, 45%, 85%
XYZ	41.4699, 35.1334, 22.0485
YIQ	161.2160, 52.3580, 9.2700

Conversions

Conversions Part 2

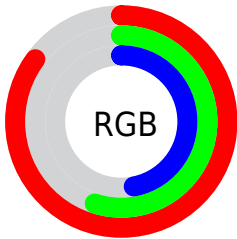
Format	Color
R _Y B	217, 147, 119
Decimal	14257527
CIE Lab	65.85, 26.42, 23.68
CIE LCh	66, 35.476, 41.872
Yxy	35.1334, 0.4204, 0.3561
Android (android.graphics.Color)	4292447607 (0xFFD98D77)
YUV	161.2160, -20.8125, 48.9226
Hunter-Lab	59.2734, 21.1567, 19.4367

Details

The XYZ color **41.4699, 35.1334, 22.0485** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **39.6462, 47.9597, 72.8130**, and the grayscale version is **34.0543, 35.8278, 39.0164**.

A 20% lighter version of the original color is **68.1058, 63.2305, 47.1432**, and **19.0597, 15.1255, 7.7093** is the 20% darker color. If you saturate the color by 10%, you get **38.0170, 30.0805, 15.1855**, and if you desaturate by 10%, it is **45.5991, 41.0628, 30.6055**.

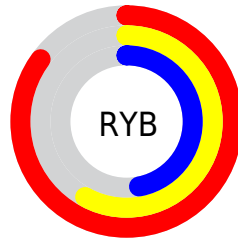
Distribution



Red (85%)

Green (55%)

Blue (47%)



Red (85%)

Yellow (58%)

Blue (47%)

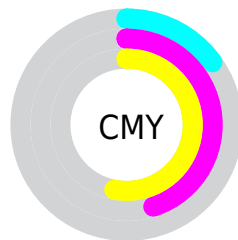


Cyan (0%)

Magenta (35%)

Yellow (45%)

Black (15%)



Cyan (15%)


Magenta (45%)


Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 41.4699, 35.1334, 22.0485 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 41.4699, 35.1334, 22.0485 by changing the saturation by 10% instead.


 41.4699, 35.1334,
22.0485


 41.4699, 35.1334,
22.0485


343.3099,
325.1568, 275.7612

 28.8757, 23.7657,
13.6939


 76.6669, 67.6924,
47.7294

 19.1306, 15.1599,
7.7718


 100.0005, 89.6524,
65.8927

 11.8693, 8.9317,
3.8636


 127.6445,
115.9120, 88.1627

 6.7263, 4.6966,
1.5508

159.9645,
146.8555, 114.9578

 3.3363, 2.0704,
0.2553

197.3256,
182.8673, 146.6967

 1.3340, 0.6479,
0.0000

240.0933,

 0.2085, 0.0000,

224.3319, 183.7979

0.0000

288.6329,
271.6336, 226.6799

■ 0.0000, 0.0000,
0.0000

■ 41.4699, 35.1334,
22.0485

■ 41.4699, 35.1334,
22.0485

■ 38.0170, 30.0805,
15.1855

■ 45.5991, 41.0628,
30.6055

■ 35.2002, 25.8567,
9.9006

■ 50.4365, 47.9027,
40.9575

■ 32.9792, 22.4181,
6.0668


■ 56.0150, 55.6915,
53.2003

■ 31.3072, 19.7142,
3.5360


■ 62.3645, 64.4641,
67.4218

■ 30.1294, 17.6880,
2.1278

■ 69.5135, 74.2532,
83.7047

 29.7020, 16.9254,
1.7015

 77.4888, 85.0905,
102.1270

 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.



44.2530, 35.1334, 32.6209



41.4699, 35.1334, 22.0485



36.6265, 35.1334, 16.8654

Triad

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



41.4699, 35.1334, 22.0485



24.7056, 35.1334, 29.9619



35.5088, 35.1334, 74.0014

Complementary

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



41.4699, 35.1334, 22.0485



39.6462, 47.9597, 72.8130

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.



30.3561, 35.1334, 72.7435



41.4699, 35.1334, 22.0485



24.4736, 35.1334, 44.5016

Square

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



41.4699, 35.1334, 22.0485



27.1107, 35.1334, 20.5423



26.4399, 35.1334, 60.9221



40.5783, 35.1334, 64.0088

Rectangle

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



41.4699, 35.1334, 22.0485



33.0652, 35.1334, 16.0581



26.4399, 35.1334, 60.9221



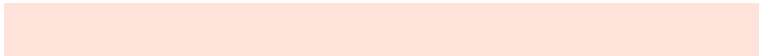
33.7234, 35.1334, 74.9395

Sweetspot

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



41.4708, 35.1351, 22.0492



81.6214, 81.5016, 78.6546



45.1494, 31.9205, 55.8670



17.0704, 16.8893, 15.9482



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.



41.4708, 35.1351, 22.0492



55.0929, 43.8002, 22.4728



50.1929, 52.5793, 24.9565



13.2920, 13.5234, 13.6353



18.0456, 10.3767, 1.0518



1.2341, 0.8023, 0.0898

Inverse Universe

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



39.6462, 47.9597, 72.8130



52.1038, 64.3773, 104.2876



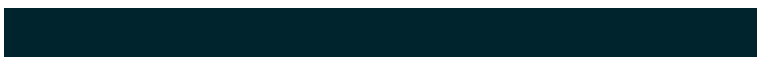
30.5299, 29.7270, 69.7742



13.1840, 14.3077, 16.7189



16.1710, 20.2115, 42.7873



1.1098, 1.4338, 2.7927

Previews

White Background



This preview shows how the XYZ color 41.4699, 35.1334, 22.0485 looks on a white background.

Color Contrast Check

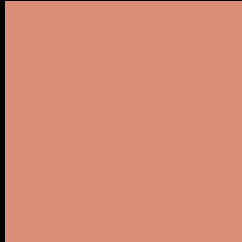
Large Text (above 18pt) WCAG AA × Fail

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 41.4699, 35.1334, 22.0485 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 41.4699, 35.1334, 22.0485

Background



This preview shows how black text looks on a background with the XYZ color 41.4699, 35.1334, 22.0485.



This preview shows how white text looks on a background with the XYZ color 41.4699, 35.1334,

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

41.4699, 35.1334, 22.0485

Protanopia

33.0447, 35.2462, 25.4836

Deuteranopia

36.0017, 35.3427, 21.7540



Tritanopia

43.4255, 35.0580, 32.0819

Trichromacy



Original Color

41.4699, 35.1334, 22.0485

Protanomaly

35.5864, 34.8279, 24.2489

Deuteranomaly

37.8369, 35.0823, 21.9169

Tritanomaly

42.5173, 34.8885, 28.1602

Monochromacy



Original Color

41.4699, 35.1334, 22.0485

Achromatopsia

33.8758, 35.6400, 38.8120

Achromatomaly

35.8000, 35.0103, 32.0649

CSS Examples

Text

The CSS property to change the color of the text to XYZ 41.4699, 35.1334, 22.0485 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, 141, 119)` looks like.

```
.text, #text, p{  
    color:rgb(217, 141, 119)  
}
```

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, 141, 119) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(217, 141, 119) }
```

Border

The CSS property to change the border of an element to XYZ 41.4699, 35.1334, 22.0485 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, 141, 119) }
```


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

```
.border{ border-color:rgb(217, 141, 119) }
```

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

Here you see how a box with a 4 pixel rgb(217, 141, 119) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(217, 141, 119); -webkit-box-  
shadow:4px 4px 4px 4px rgb(217, 141, 119);  
box-shadow:4px 4px 4px 4px rgb(217, 141,  
119) }
```

Background

The CSS property to change the background color of an element to XYZ 41.4699, 35.1334, 22.0485 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(217, 141, 119) }
```

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

```
.background{ background-color: rgb(217,  
141, 119) }
```

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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