

Converting Colors

XYZ(42.7716, 34.8694, 21.8906)

Have a look what the booklet for
XYZ(42.7716, 34.8694, 21.8906)
contains.

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Color

**XYZ(42.7069, 34.9112,
21.9404)**

Conversions

Conversions Part 1

Format	Color
Hex	DF8977
RGB	223, 137, 119
RGB Percent	87%, 54%, 47%
CMY	0.1255, 0.4627, 0.5333
CMYK	0.00, 0.39, 0.47, 0.13
HSL	10°, 62%, 67%
HSV	10°, 47%, 87%
XYZ	42.7069, 34.9112, 21.9404
YIQ	160.6620, 57.0340, 12.6340

Conversions

Conversions Part 2

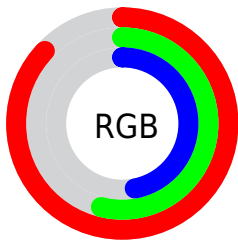
Format	Color
R_{YB}	223, 141, 119
Decimal	14649719
CIE _{Lab}	65.68, 30.90, 23.57
CIE _{LCh}	66, 38.862, 37.343
Yxy	34.9112, 0.4290, 0.3507
Android (android.graphics.Color)	4292839799 (0xFFDF8977)
YUV	160.6620, -20.5394, 54.6704
Hunter-Lab	59.0857, 25.6191, 19.3437

Details

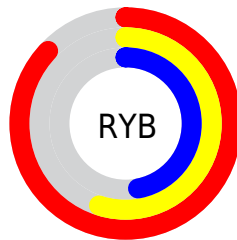
The XYZ color **42.7069, 34.9112, 21.9404** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **42.7573, 52.9100, 77.7711**, and the grayscale version is **33.7940, 35.5539, 38.7182**.

A 20% lighter version of the original color is **67.2215, 61.4619, 46.8484**, and **19.9503, 15.0971, 7.6569** is the 20% darker color. If you saturate the color by 10%, you get **39.1205, 29.6362, 14.8948**, and if you desaturate by 10%, it is **47.0572, 41.2112, 30.7913**.

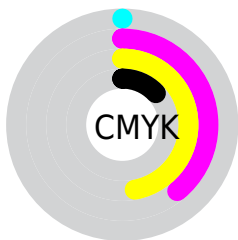
Distribution



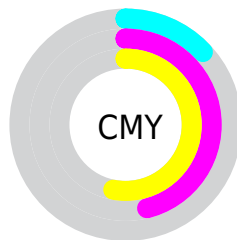
- Red (87%)
- Green (54%)
- Blue (47%)



- Red (87%)
- Yellow (55%)
- Blue (47%)



- Cyan (0%)
- Magenta (39%)
- Yellow (47%)
- Black (13%)



- Cyan (13%)
- Magenta (46%)
- Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 42.7069, 34.9112, 21.9404 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 42.7069, 34.9112, 21.9404 by changing the saturation by 10% instead.

42.7069, 34.9112,
21.9404

42.7069, 34.9112,
21.9404

348.3470,
324.1762, 275.1782

29.8487, 23.5945,
13.6152

78.5268, 67.3482,
47.5484

19.8713, 15.0331,
7.7179

102.2193, 89.2372,
65.6683

12.4092, 8.8426,
3.8298

130.2540,
115.4192, 87.8902

7.0972, 4.6387,
1.5324

162.9961,
146.2784, 114.6326

3.5698, 2.0369,
0.2419

200.8112,
182.1993, 146.3140

1.4618, 0.6288,
0.0000

244.0644,

0.2996, 0.0000,

223.5664, 183.3531

0.0000

293.1212,
270.7638, 226.1683

■ 0.0000, 0.0000,
0.0000

■ 42.7069, 34.9112,
21.9404

■ 42.7069, 34.9112,
21.9404

■ 39.1205, 29.6362,
14.8948

■ 47.0572, 41.2112,
30.7913

■ 36.2504, 25.3266,
9.5276

■ 52.2101, 48.5815,
41.5588

■ 34.0474, 21.9245,
5.6981

■ 58.2047, 57.0706,
54.3473

■ 32.4545, 19.3633,
3.2420

■ 65.0768, 66.7229,
69.2532

■ 31.4036, 17.5667,
1.9510

■ 72.8602, 77.5801,
86.3667

■ 31.1441, 17.1133,
1.6617

■ 81.5867, 89.6819,
105.7728

■ 84.2414, 94.4280,
108.3942

Harmonies

Analogous

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



45.3168, 34.9112, 34.1303



42.7069, 34.9112, 21.9404



37.5973, 34.9112, 15.7393

Triad

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



42.7069, 34.9112, 21.9404



24.0397, 34.9112, 27.1330



34.6064, 34.9112, 78.5454

Complementary

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



42.7069, 34.9112, 21.9404



42.7573, 52.9100, 77.7711

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.



29.1267, 34.9112, 75.0767



42.7069, 34.9112, 21.9404



23.4335, 34.9112, 42.1782

Square

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



42.7069, 34.9112, 21.9404



26.9530, 34.9112, 18.0811



25.1904, 34.9112, 60.4751



40.3036, 34.9112, 68.9213

Rectangle

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



42.7069, 34.9112, 21.9404



33.6940, 34.9112, 14.4461



25.1904, 34.9112, 60.4751



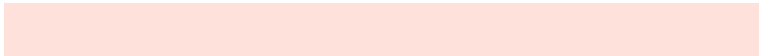
32.6753, 34.9112, 78.9098

Sweetspot

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



42.7078, 34.9129, 21.9411



81.1211, 80.5009, 78.4878



48.1285, 33.3220, 62.0757



16.9499, 16.6484, 15.9081



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.



42.7078, 34.9129, 21.9411



53.1104, 40.3036, 20.3678



51.8158, 53.1291, 24.9771



13.8981, 14.0822, 14.2924



18.3692, 10.1764, 0.9961



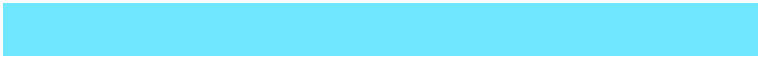
1.3313, 0.8215, 0.0884

Inverse Universe

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



42.7573, 52.9100, 77.7711



53.1317, 67.4262, 104.8220



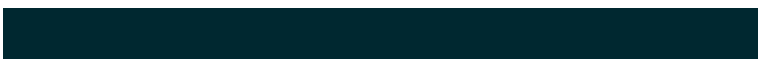
32.4280, 32.2513, 74.3280



13.9041, 15.1474, 17.5786



18.0317, 23.5330, 44.6403



1.3037, 1.7389, 3.1122

Previews

White Background



This preview shows how the XYZ color 42.7069, 34.9112, 21.9404 looks on a white background.

Color Contrast Check

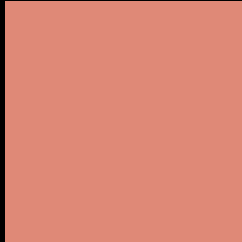
Large Text (above 18pt) WCAG AA × Fail

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 42.7069, 34.9112, 21.9404 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 42.7069, 34.9112, 21.9404

Background



This preview shows how black text looks on a background with the XYZ color 42.7069, 34.9112, 21.9404.



This preview shows how white text looks on a background with the XYZ color 42.7069, 34.9112,

21.9404.

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

42.7069, 34.9112, 21.9404

Protanopia

33.1108, 35.2726, 25.8321

Deuteranopia

35.7788, 34.9906, 21.3911



Tritanopia

44.5344, 35.0409, 30.4030

Trichromacy



Original Color

42.7069, 34.9112, 21.9404

Protanomaly

35.9162, 34.7560, 24.2176

Deuteranomaly

38.0017, 34.7083, 21.5261

Tritanomaly

43.7075, 34.8965, 26.9863

Monochromacy



Original Color

42.7069, 34.9112, 21.9404

Achromatopsia

33.8758, 35.6400, 38.8120

Achromatomaly

36.1837, 34.7221, 31.9891

CSS Examples

Text

The CSS property to change the color of the text to XYZ 42.7069, 34.9112, 21.9404 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(223, 137, 119)` looks like.

```
.text, #text, p{  
    color:rgb(223, 137, 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(223, 137, 119) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(223, 137, 119) }
```

Border

The CSS property to change the border of an element to XYZ 42.7069, 34.9112, 21.9404 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(223, 137, 119) }
```


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

```
.border{ border-color:rgb(223, 137, 119) }
```

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

Here you see how a box with a 4 pixel `rgb(223, 137, 119)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(223, 137, 119); -webkit-box-  
shadow:4px 4px 4px 4px rgb(223, 137, 119);  
box-shadow:4px 4px 4px 4px rgb(223, 137,  
119) }
```

Background

The CSS property to change the background color of an element to XYZ 42.7069, 34.9112, 21.9404 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(223, 137, 119) }
```

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

```
.background{ background-color: rgb(223,  
137, 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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