

Converting Colors

XYZ(53.0407, 42.7053, 22.7555)

Have a look what the booklet for
XYZ(53.0407, 42.7053, 22.7555)
contains.

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Color

**XYZ(52.9866, 42.6515,
22.8926)**

Conversions

Conversions Part 1

Format	Color
Hex	F99477
RGB	249, 148, 119
RGB Percent	98%, 58%, 47%
CMY	0.0235, 0.4196, 0.5333
CMYK	0.00, 0.41, 0.52, 0.02
HSL	13°, 92%, 72%
HSV	13°, 52%, 98%
XYZ	52.9866, 42.6515, 22.8926
YIQ	174.8930, 69.5050, 12.3930

Conversions

Conversions Part 2

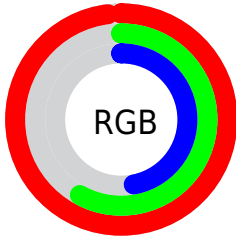
Format	Color
R _Y B	249, 156, 119
Decimal	16356471
CIE Lab	71.32, 35.14, 31.62
CIE LCh	71, 47.273, 41.985
Yxy	42.6515, 0.4470, 0.3598
Android (android.graphics.Color)	4294546551 (0xFFFF99477)
YUV	174.8930, -27.5552, 64.9918
Hunter-Lab	65.3081, 30.5337, 24.9326

Details

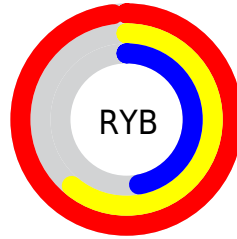
The XYZ color **52.9866, 42.6515, 22.8926** is a light color, and the websafe version is hex **FF9966**. A complement of this color would be **50.2982, 61.9446, 98.9276**, and the grayscale version is **40.8062, 42.9313, 46.7522**.

A 20% lighter version of the original color is **70.0423, 66.9504, 48.2608**, and **26.2746, 19.6268, 8.1979** is the 20% darker color. If you saturate the color by 10%, you get **48.8976, 36.5615, 15.0934**, and if you desaturate by 10%, it is **57.9764, 49.9166, 32.9252**.

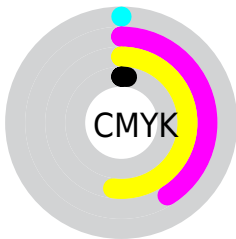
Distribution



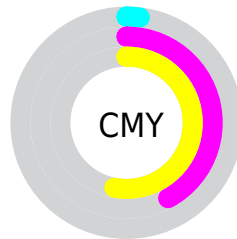
- Red (98%)
- Green (58%)
- Blue (47%)



- Red (98%)
- Yellow (61%)
- Blue (47%)



- Cyan (0%)
- Magenta (41%)
- Yellow (52%)
- Black (2%)





- Cyan (2%)
- Magenta (42%)
- Yellow (53%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 52.9866, 42.6515, 22.8926 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 52.9866, 42.6515, 22.8926 by changing the saturation by 10% instead.


 52.9866, 42.6515,
22.8926

 52.9866, 42.6515,
22.8926


388.4954,
357.1766, 280.2769


 38.0195, 29.6118,
14.3097


 93.7503, 79.1847,
49.1379

 26.1751, 19.5441,
8.1952


 120.2776,
103.4470, 67.6373

 17.0881, 12.0641,
4.1305


 151.3890,
132.2188, 90.2793

 10.3930, 6.7873,
1.6972

187.4499,
165.8848, 117.4824

 5.7245, 3.3295,
0.3588

228.8257,
204.8291, 149.6652

 2.7174, 1.3061,
0.0000

275.8816,

 1.0061, 0.1459,

249.4363, 187.2462

0.0000

328.9831,
300.0906, 230.6439

■ 0.0000, 0.0000,
0.0000

■ 52.9866, 42.6515,
22.8926

■ 52.9866, 42.6515,
22.8926

■ 48.8976, 36.5615,
15.0934

■ 57.9764, 49.9166,
32.9252

■ 45.6499, 31.5773,
9.3521

■ 63.9153, 58.4083,
45.3436

■ 43.1811, 27.6319,
5.4703

■ 70.8517, 68.1830,
60.2895

■ 41.4176, 24.6477,
3.2088

■ 78.8295, 79.2913,
77.8928

■ 40.4596, 22.9254,
2.2926

■ 87.8903, 91.7813,
98.2745

92.8768, 98.8796,
108.7983

Harmonies

Analogous

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



57.3925, 42.6515, 37.9355



52.9866, 42.6515, 22.8926



45.4491, 42.6515, 16.0240

Triad

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



52.9866, 42.6515, 22.8926



27.6785, 42.6515, 34.1818



43.7944, 42.6515, 103.7247

Complementary

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



52.9866, 42.6515, 22.8926



50.2982, 61.9446, 98.9276

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.



35.9959, 42.6515, 101.7026



52.9866, 42.6515, 22.8926



27.3573, 42.6515, 56.1296

Square

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



52.9866, 42.6515, 22.8926



31.1553, 42.6515, 20.9212



30.2115, 42.6515, 82.2817



51.6397, 42.6515, 87.1394

Rectangle

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



52.9866, 42.6515, 22.8926



40.0122, 42.6515, 15.0042



30.2115, 42.6515, 82.2817



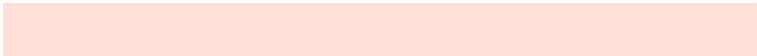
41.0703, 42.6515, 105.3173

Sweetspot

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



52.9876, 42.6537, 22.8934



79.8720, 79.0630, 74.8033



58.6927, 38.5452, 72.6367



16.7237, 16.4045, 15.1894



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.



52.9876, 42.6537, 22.8934



51.2847, 38.0917, 15.3216



65.9818, 68.6419, 27.2248



17.5587, 17.8532, 17.9830



21.7436, 12.4438, 1.2559



2.0892, 1.3033, 0.1415

Inverse Universe

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



50.2982, 61.9446, 98.9276



48.0740, 60.3621, 103.7250



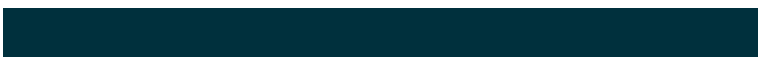
36.5674, 34.4828, 94.3507



17.4181, 18.9130, 22.1178



19.5238, 24.4032, 51.6548



1.8861, 2.4159, 4.8101

Previews

White Background



This preview shows how the XYZ color 52.9866, 42.6515, 22.8926 looks on a white background.

Color Contrast Check

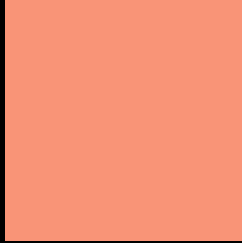
Large Text (above 18pt) WCAG AA × Fail

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 52.9866, 42.6515, 22.8926 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

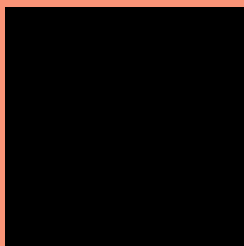
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 52.9866, 42.6515, 22.8926

Background



This preview shows how black text looks on a background with the XYZ color 52.9866, 42.6515, 22.8926.



This preview shows how white text looks on a background with the XYZ color 52.9866, 42.6515,

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

52.9866, 42.6515, 22.8926

Protanopia

40.0983, 42.9630, 27.2984

Deuteranopia

43.4916, 42.5769, 22.1456



Tritanopia

55.8001, 42.6735, 35.8677

Trichromacy



Original Color

52.9866, 42.6515, 22.8926

Protanomaly

43.7994, 42.1183, 25.5598

Deuteranomaly

46.4637, 42.2499, 22.2291

Tritanomaly

54.7168, 42.6831, 30.5541

Monochromacy



Original Color

52.9866, 42.6515, 22.8926

Achromatopsia

40.7470, 42.8690, 46.6844

Achromatomaly

43.7286, 41.8334, 36.7802

CSS Examples

Text

The CSS property to change the color of the text to XYZ 52.9866, 42.6515, 22.8926 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(249, 148, 119)` looks like.

```
.text, #text, p{  
    color:rgb(249, 148, 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(249, 148, 119) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(249, 148, 119) }
```

Border

The CSS property to change the border of an element to XYZ 52.9866, 42.6515, 22.8926 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(249, 148, 119) }
```


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

```
.border{ border-color:rgb(249, 148, 119) }
```

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

Here you see how a box with a 4 pixel `rgb(249, 148, 119)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(249, 148, 119); -webkit-box-  
shadow:4px 4px 4px 4px rgb(249, 148, 119);  
box-shadow:4px 4px 4px 4px rgb(249, 148,  
119) }
```

Background

The CSS property to change the background color of an element to XYZ 52.9866, 42.6515, 22.8926 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(249, 148, 119) }
```

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

```
.background{ background-color: rgb(249,  
148, 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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