

Converting Colors

XYZ(49.1097, 42.4587, 24.6284)

Have a look what the booklet for
XYZ(49.1097, 42.4587, 24.6284)
contains.

XYZ(49.1308, 42.5558, 24.6934)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(49.1308, 42.5558,
24.6934)**

Conversions

Conversions Part 1

Format	Color
Hex	E99C7C
RGB	233, 156, 124
RGB Percent	91%, 61%, 49%
CMY	0.0863, 0.3882, 0.5137
CMYK	0.00, 0.33, 0.47, 0.09
HSL	18°, 71%, 70%
HSV	18°, 47%, 91%
XYZ	49.1308, 42.5558, 24.6934
YIQ	175.3750, 56.1640, 6.3720

Conversions

Conversions Part 2

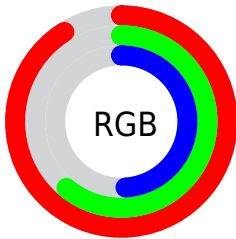
Format	Color
R _Y B	233, 169, 124
Decimal	15309948
CIE Lab	71.25, 25.19, 28.47
CIE LCh	71, 38.012, 48.501
Yxy	42.5558, 0.4222, 0.3657
Android (android.graphics.Color)	4293500028 (0xFFE99C7C)
YUV	175.3750, -25.3279, 50.5371
Hunter-Lab	65.2348, 20.2742, 23.2213

Details

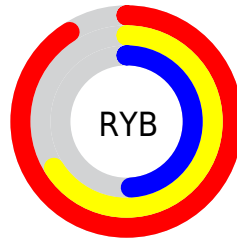
The XYZ color **49.1308, 42.5558, 24.6934** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **43.9057, 51.9392, 84.8017**, and the grayscale version is **41.0497, 43.1875, 47.0312**.

A 20% lighter version of the original color is **72.4701, 71.0229, 51.4842**, and **23.6759, 19.4073, 9.1547** is the 20% darker color. If you saturate the color by 10%, you get **45.2507, 36.8816, 16.9693**, and if you desaturate by 10%, it is **53.7354, 49.1219, 34.3772**.

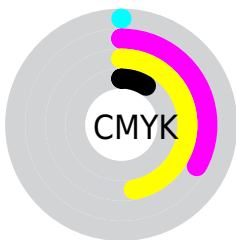
Distribution



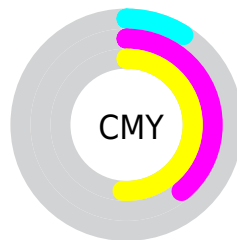
- Red (91%)
- Green (61%)
- Blue (49%)



- Red (91%)
- Yellow (66%)
- Blue (49%)



- Cyan (0%)
- Magenta (33%)
- Yellow (47%)
- Black (9%)





- Cyan (9%)
- Magenta (39%)
- Yellow (51%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 49.1308, 42.5558, 24.6934 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 49.1308, 42.5558, 24.6934 by changing the saturation by 10% instead.


 49.1308, 42.5558,
24.6934


 49.1308, 42.5558,
24.6934


373.7654,
356.7818, 289.7062


 34.9382, 29.5367,
15.6318


 88.0852, 79.0401,
52.1173

 23.7816, 19.4872,
9.1125


 113.5778,
103.2742, 71.3168

 15.2955, 12.0229,
4.7168


 143.5677,
132.0153, 94.7326

 9.1147, 6.7593,
2.0263

178.4204,
165.6480, 122.7833

 4.8738, 3.3120,
0.5714

218.5012,
204.5566, 155.8875

 2.2074, 1.2967,
0.0000

264.1753,

 0.7466, 0.1387,

249.1255, 194.4637

0.0000

315.8083,
299.7391, 238.9304

■ 0.0000, 0.0000,
0.0000

■ 49.1308, 42.5558,
24.6934

■ 49.1308, 42.5558,
24.6934

■ 45.2507, 36.8816,
16.9693

■ 53.7354, 49.1219,
34.3772

■ 42.0520, 32.0532,
11.0662

■ 59.0980, 56.6108,
46.1413

■ 39.4917, 28.0295,
6.8313


■ 65.2534, 65.0597,
60.0994


■ 37.5196, 24.7629,
4.0849


■ 72.2336, 74.5015,
76.3561

■ 36.0750, 22.1995,
2.5990

■ 80.0685, 84.9678,
95.0094

 35.6965, 21.5082,
2.2701

 87.3367, 95.9086,
108.5168

 87.4142, 96.0636,
108.5426

Harmonies

Analogous

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



53.2289, 42.5558, 36.0599



49.1308, 42.5558, 24.6934



42.9424, 42.5558, 19.7357

Triad

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



49.1308, 42.5558, 24.6934



29.5808, 42.5558, 39.6810



44.4660, 42.5558, 88.2640

Complementary

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



49.1308, 42.5558, 24.6934



43.9057, 51.9392, 84.8017

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.



38.0521, 42.5558, 89.9813



49.1308, 42.5558, 24.6934



29.8966, 42.5558, 58.3996

Square

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



49.1308, 42.5558, 24.6934



31.9401, 42.5558, 26.7417



32.8537, 42.5558, 77.9359



50.3466, 42.5558, 73.7235

Rectangle

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



49.1308, 42.5558, 24.6934



38.6619, 42.5558, 19.5557



32.8537, 42.5558, 77.9359



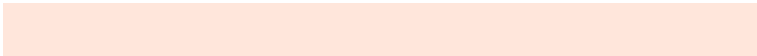
42.2883, 42.5558, 90.4788

Sweetspot

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



49.1319, 42.5579, 24.6942



82.3020, 82.8629, 78.8815



51.4865, 36.0090, 60.1865



17.2346, 17.2177, 16.0030



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.



49.1319, 42.5579, 24.6942



55.7529, 45.5885, 21.2486



60.1370, 64.5681, 28.3626



15.4259, 15.7747, 15.7505



20.3483, 12.3907, 1.3192



1.6785, 1.1343, 0.1305

Inverse Universe

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



43.9057, 51.9392, 84.8017



48.5694, 58.3016, 103.3012



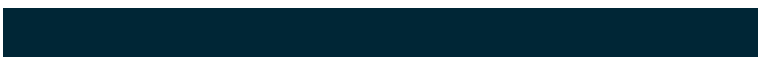
33.5504, 31.2284, 81.3499



15.1225, 16.3314, 19.2775



16.0503, 18.7476, 46.5157



1.3429, 1.6373, 3.6801

Previews

White Background



This preview shows how the XYZ color 49.1308, 42.5558, 24.6934 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 49.1308, 42.5558, 24.6934 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

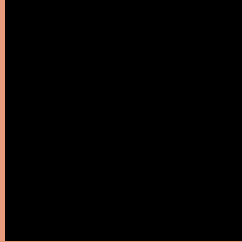
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 49.1308, 42.5558, 24.6934

Background



This preview shows how black text looks on a background with the XYZ color 49.1308, 42.5558, 24.6934.



This preview shows how white text looks on a background with the XYZ color 49.1308, 42.5558,

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

49.1308, 42.5558, 24.6934

Protanopia

39.9883, 42.8907, 28.0009

Deuteranopia

43.3440, 42.4525, 24.3220



Tritanopia

52.1803, 42.5747, 39.6500

Trichromacy



Original Color

49.1308, 42.5558, 24.6934

Protanomaly

42.8669, 42.4276, 26.6989

Deuteranomaly

45.2876, 42.3762, 24.5314

Tritanomaly

50.9975, 42.5828, 33.5484

Monochromacy



Original Color

49.1308, 42.5558, 24.6934

Achromatopsia

40.7470, 42.8690, 46.6844

Achromatomaly

42.7683, 42.1413, 37.3324

CSS Examples

Text

The CSS property to change the color of the text to XYZ 49.1308, 42.5558, 24.6934 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(233, 156, 124)` looks like.

```
.text, #text, p{  
    color:rgb(233, 156, 124)  
}
```

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(233, 156, 124) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(233, 156, 124) }
```

Border

The CSS property to change the border of an element to XYZ 49.1308, 42.5558, 24.6934 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(233, 156, 124) }
```


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

```
.border{ border-color:rgb(233, 156, 124) }
```

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

Here you see how a box with a 4 pixel `rgb(233, 156, 124)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(233, 156, 124); -webkit-box-  
shadow:4px 4px 4px 4px rgb(233, 156, 124);  
box-shadow:4px 4px 4px 4px rgb(233, 156,  
124) }
```

Background

The CSS property to change the background color of an element to XYZ 49.1308, 42.5558, 24.6934 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(233, 156, 124) }
```

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

```
.background{ background-color: rgb(233,  
156, 124) }
```

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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