

Converting Colors

XYZ(49.5163, 40.8624, 22.7302)

Have a look what the booklet for
XYZ(49.5163, 40.8624, 22.7302)
contains.

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Color

**XYZ(49.5163, 40.8624,
22.7302)**

Conversions

Conversions Part 1

Format	Color
Hex	EF9477
RGB	239, 148, 119
RGB Percent	94%, 58%, 47%
CMY	0.0627, 0.4196, 0.5333
CMYK	0.00, 0.38, 0.50, 0.06
HSL	15°, 79%, 70%
HSV	15°, 50%, 94%
XYZ	49.5163, 40.8624, 22.7302
YIQ	171.9030, 63.5450, 10.2730

Conversions

Conversions Part 2

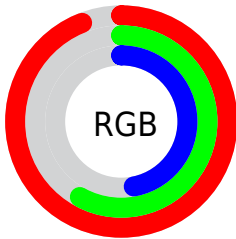
Format	Color
R_{YB}	239, 157, 119
Decimal	15701111
CIE _{Lab}	70.08, 31.29, 29.77
CIE _{LCh}	70, 43.188, 43.574
Yxy	40.8624, 0.4378, 0.3613
Android (android.graphics.Color)	4293891191 (0xFFEF9477)
YUV	171.9030, -26.0812, 58.8441
Hunter-Lab	63.9237, 26.4024, 23.6641

Details

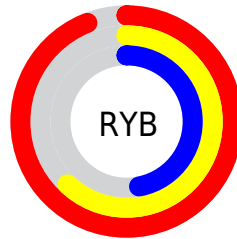
The XYZ color **49.5163, 40.8624, 22.7302** is a light color, and the websafe version is hex **FF9966**. A complement of this color would be **46.2332, 56.2446, 90.0808**, and the grayscale version is **39.2698, 41.3149, 44.9919**.

A 20% lighter version of the original color is **70.0423, 66.9504, 48.2608**, and **24.1108, 18.5112, 8.0966** is the 20% darker color. If you saturate the color by 10%, you get **45.6338, 35.1130, 15.2230**, and if you desaturate by 10%, it is **54.2068, 47.6504, 32.2879**.

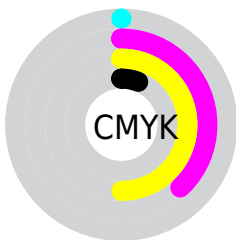
Distribution



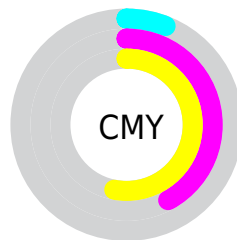
- Red (94%)
- Green (58%)
- Blue (47%)



- Red (94%)
- Yellow (62%)
- Blue (47%)



- Cyan (0%)
- Magenta (38%)
- Yellow (50%)
- Black (6%)





- Cyan (6%)
- Magenta (42%)
- Yellow (53%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 49.5163, 40.8624, 22.7302 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 49.5163, 40.8624, 22.7302 by changing the saturation by 10% instead.


 49.5163, 40.8624,
22.7302


 49.5163, 40.8624,
22.7302


375.2547,
349.7452, 279.4131


 35.2454, 28.2116,
14.1910


 88.6539, 76.4750,
48.8675

 24.0194, 18.4852,
8.1134


 114.2514,
100.2055, 67.3027

 15.4728, 11.2989,
4.0788

 144.3551,
128.3981, 89.8736

 9.2404, 6.2683,
1.6686

179.3304,
161.4371, 116.9988

 4.9567, 3.0089,
0.3391

219.5426,
199.7069, 149.0968

 2.2563, 1.1364,
0.0000

265.3572,

 0.7722, 0.0088,

243.5919, 186.5861

0.0000

317.1394,
293.4766, 229.8854

0.0000, 0.0000,
0.0000

49.5163, 40.8624,
22.7302

49.5163, 40.8624,
22.7302

45.6338, 35.1130,
15.2230

54.2068, 47.6504,
32.2879

42.5081, 30.3437,
9.6117

59.7462, 55.5194,
44.0303

40.0863, 26.4994,
5.7234


66.1764, 64.5167,
58.0831

38.3063, 23.5164,
3.3520

73.5354, 74.6851,
74.5616

37.0980, 21.3536,
2.1664

81.8588, 86.0650,
93.5734

 89.4065, 97.0907,
108.6359

Harmonies

Analogous

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



53.5702, 40.8624, 35.9847



49.5163, 40.8624, 22.7302



42.8014, 40.8624, 16.6673

Triad

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



49.5163, 40.8624, 22.7302



27.2279, 40.8624, 34.3874



42.1093, 40.8624, 93.9369

Complementary

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



49.5163, 40.8624, 22.7302



46.2332, 56.2446, 90.0808

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.



35.1281, 40.8624, 93.1156



49.5163, 40.8624, 22.7302



27.0903, 40.8624, 54.2449

Square

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



49.5163, 40.8624, 22.7302



30.2201, 40.8624, 21.8675



29.8179, 40.8624, 76.9947



48.9570, 40.8624, 78.9826

Rectangle

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



49.5163, 40.8624, 22.7302



37.9993, 40.8624, 15.8949



29.8179, 40.8624, 76.9947



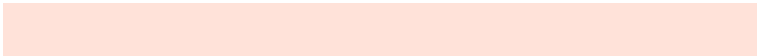
39.6900, 40.8624, 95.6079

Sweetspot

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



49.5173, 40.8645, 22.7310



80.9270, 80.6470, 76.7764



53.9514, 36.2478, 65.7811



16.9402, 16.7341, 15.5808



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.



49.5173, 40.8645, 22.7310



52.8683, 40.6793, 17.6358



61.2393, 64.3084, 26.6383



16.0830, 16.3792, 16.4635



20.5863, 11.9707, 1.2256



1.7877, 1.1460, 0.1270

Inverse Universe

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



46.2332, 56.2446, 90.0808



48.6056, 60.1969, 103.6651



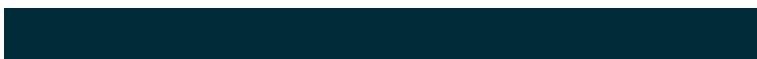
34.2547, 32.2875, 86.0879



15.9048, 17.2438, 20.2117



17.8746, 21.9734, 48.4271



1.5635, 1.9810, 4.0542

Previews

White Background



This preview shows how the XYZ color 49.5163, 40.8624, 22.7302 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 49.5163, 40.8624, 22.7302 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 49.5163, 40.8624, 22.7302

Background



This preview shows how black text looks on a background with the XYZ color 49.5163, 40.8624, 22.7302.



This preview shows how white text looks on a background with the XYZ color 49.5163, 40.8624,

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

49.5163, 40.8624, 22.7302

Protanopia

38.4821, 41.2804, 26.7086

Deuteranopia

41.8814, 40.9337, 22.2166



Tritanopia

52.2731, 40.8553, 35.7026

Trichromacy



Original Color

49.5163, 40.8624, 22.7302

Protanomaly

41.7007, 40.5124, 25.0239

Deuteranomaly

44.3512, 40.6435, 22.3370

Tritanomaly

51.2087, 40.8747, 30.3899

Monochromacy



Original Color

49.5163, 40.8624, 22.7302

Achromatopsia

39.2122, 41.2543, 44.9259

Achromatomaly

41.6119, 40.2301, 35.7090

CSS Examples

Text

The CSS property to change the color of the text to XYZ 49.5163, 40.8624, 22.7302 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(239, 148, 119)` looks like.

```
.text, #text, p{  
    color:rgb(239, 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(239, 148, 119) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(239, 148, 119) }
```

Border

The CSS property to change the border of an element to XYZ 49.5163, 40.8624, 22.7302 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(239, 148, 119) }
```


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

```
.border{ border-color:rgb(239, 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(239, 148, 119)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(239, 148, 119); -webkit-box-  
shadow:4px 4px 4px 4px rgb(239, 148, 119);  
box-shadow:4px 4px 4px 4px rgb(239, 148,  
119) }
```

Background

The CSS property to change the background color of an element to XYZ 49.5163, 40.8624, 22.7302 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(239, 148, 119) }
```

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

```
.background{ background-color: rgb(239,  
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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