

Converting Colors

XYZ(50.4732, 42.9825, 24.0508)

Have a look what the booklet for
XYZ(50.4732, 42.9825, 24.0508)
contains.

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Color

**XYZ(50.4941, 43.0250,
24.0557)**

Conversions

Conversions Part 1

Format	Color
Hex	EE9B7A
RGB	238, 155, 122
RGB Percent	93%, 61%, 48%
CMY	0.0667, 0.3921, 0.5216
CMYK	0.00, 0.35, 0.49, 0.07
HSL	17°, 77%, 71%
HSV	17°, 49%, 93%
XYZ	50.4941, 43.0250, 24.0557
YIQ	176.0550, 60.0610, 7.3330

Conversions

Conversions Part 2

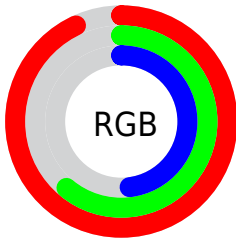
Format	Color
R _Y B	238, 168, 122
Decimal	15637370
CIE Lab	71.57, 27.49, 30.08
CIE LCh	72, 40.747, 47.578
Yxy	43.0250, 0.4295, 0.3659
Android (android.graphics.Color)	4293827450 (0xFFEE9B7A)
YUV	176.0550, -26.6491, 54.3258
Hunter-Lab	65.5934, 22.6215, 24.1714

Details

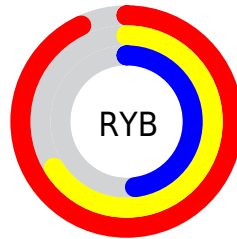
The XYZ color **50.4941, 43.0250, 24.0557** is a light color, and the websafe version is hex **FF9966**. A complement of this color would be **45.2888, 53.9708, 88.9191**, and the grayscale version is **41.4092, 43.5657, 47.4431**.

A 20% lighter version of the original color is **72.0245, 70.4483, 50.3592**, and **24.6433, 19.7652, 8.8196** is the 20% darker color. If you saturate the color by 10%, you get **46.5593, 37.2335, 16.3381**, and if you desaturate by 10%, it is **55.1918, 49.7645, 33.8098**.

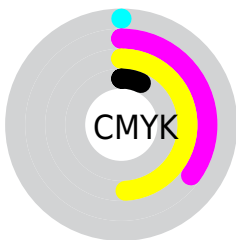
Distribution



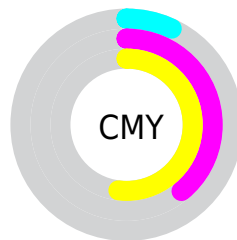
- Red (93%)
- Green (61%)
- Blue (48%)



- Red (93%)
- Yellow (66%)
- Blue (48%)



- Cyan (0%)
- Magenta (35%)
- Yellow (49%)
- Black (7%)





- Cyan (7%)
- Magenta (39%)
- Yellow (52%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 50.4941, 43.0250, 24.0557 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 50.4941, 43.0250, 24.0557 by changing the saturation by 10% instead.


 50.4941, 43.0250,
24.0557


 50.4941, 43.0250,
24.0557


379.0152,
358.7146, 286.3976

 36.0256, 29.9047,
15.1624


 90.0940, 79.7486,
51.0660

 24.6241, 19.7663,
8.7855


 115.9560,
104.1207, 70.0201

 15.9245, 12.2253,
4.5067


 146.3466,
133.0122, 93.1649

 9.5612, 6.8973,
1.9072

181.6311,
166.8075, 120.9189

 5.1691, 3.3979,
0.4973

222.1748,
205.8910, 153.7006

 2.3826, 1.3429,
0.0000

268.3432,

 0.8364, 0.1740,

250.6471, 191.9286

0.0000

320.5015,
301.4601, 236.0214

■ 0.0000, 0.0000,
0.0000

■ 50.4941, 43.0250,
24.0557

■ 50.4941, 43.0250,
24.0557

■ 46.5593, 37.2335,
16.3381

■ 55.1918, 49.7645,
33.8098

■ 43.3407, 32.3396,
10.5076

■ 60.6889, 57.4865,
45.7302

■ 40.7911, 28.2976,
6.3982

■ 67.0235, 66.2317,
59.9386

■ 38.8549, 25.0545,
3.8130

■ 74.2299, 76.0364,
76.5472

■ 37.4580, 22.5472,
2.4640

■ 82.3406, 86.9349,
95.6604

■ 37.3099, 22.2773,
2.3335

■ 89.0698, 96.9171,
108.6201

Harmonies

Analogous

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



54.8628, 43.0250, 36.3004



50.4941, 43.0250, 24.0557



43.8093, 43.0250, 18.7111

Triad

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



50.4941, 43.0250, 24.0557



29.2761, 43.0250, 39.1529



45.0255, 43.0250, 93.1041

Complementary

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



50.4941, 43.0250, 24.0557



45.2888, 53.9708, 88.9191

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.



38.1109, 43.0250, 94.5073



50.4941, 43.0250, 24.0557



29.5236, 43.0250, 59.2607

Square

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



50.4941, 43.0250, 24.0557



31.8760, 43.0250, 25.6365



32.5950, 43.0250, 80.7940



51.4701, 43.0250, 77.3731

Rectangle

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



50.4941, 43.0250, 24.0557



39.1721, 43.0250, 18.4109



32.5950, 43.0250, 80.7940



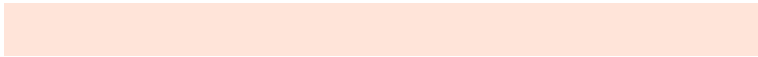
42.6656, 43.0250, 95.3986

Sweetspot

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



50.4952, 43.0271, 24.0565



81.3745, 81.5420, 76.9256



53.2551, 36.5107, 62.0826



17.0470, 16.9475, 15.6164



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.



50.4952, 43.0271, 24.0565



54.6754, 43.8762, 19.5248



62.5335, 67.1037, 28.0693



16.1390, 16.4912, 16.4822



20.9102, 12.6185, 1.3335



1.8212, 1.2131, 0.1382

Inverse Universe

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



45.2888, 53.9708, 88.9191



47.8990, 57.8992, 103.2589



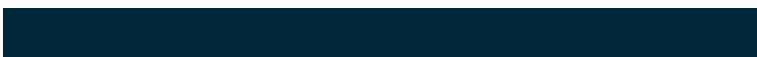
33.9135, 31.2200, 85.1273



15.8452, 17.1246, 20.1918



16.7746, 19.7734, 48.0604



1.4797, 1.8134, 4.0262

Previews

White Background



This preview shows how the XYZ color 50.4941, 43.0250, 24.0557 looks on a white background.

Color Contrast Check

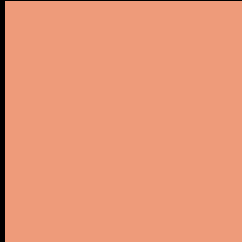
Large Text (above 18pt) WCAG AA × Fail

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 50.4941, 43.0250, 24.0557 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 50.4941, 43.0250, 24.0557

Background



This preview shows how black text looks on a background with the XYZ color 50.4941, 43.0250, 24.0557.



This preview shows how white text looks on a background with the XYZ color 50.4941, 43.0250,

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

50.4941, 43.0250, 24.0557

Protanopia

40.3611, 43.3807, 27.7188

Deuteranopia

43.9107, 43.0388, 23.4457



Tritanopia

53.6150, 43.0867, 39.2090

Trichromacy



Original Color

50.4941, 43.0250, 24.0557

Protanomaly

43.3525, 42.6856, 26.3763

Deuteranomaly

46.0026, 42.7661, 23.5994

Tritanomaly

52.4299, 43.0883, 33.1573

Monochromacy



Original Color

50.4941, 43.0250, 24.0557

Achromatopsia

41.2663, 43.4154, 47.2793

Achromatomaly

43.5566, 42.5477, 37.3693

CSS Examples

Text

The CSS property to change the color of the text to XYZ 50.4941, 43.0250, 24.0557 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(238, 155, 122)` looks like.

```
.text, #text, p{  
    color:rgb(238, 155, 122)  
}
```

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(238, 155, 122) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(238, 155, 122) }
```

Border

The CSS property to change the border of an element to XYZ 50.4941, 43.0250, 24.0557 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(238, 155, 122) }
```


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

```
.border{ border-color:rgb(238, 155, 122) }
```

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

Here you see how a box with a 4 pixel `rgb(238, 155, 122)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(238, 155, 122); -webkit-box-  
shadow:4px 4px 4px 4px rgb(238, 155, 122);  
box-shadow:4px 4px 4px 4px rgb(238, 155,  
122) }
```

Background

The CSS property to change the background color of an element to XYZ 50.4941, 43.0250, 24.0557 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(238, 155, 122) }
```

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

```
.background{ background-color: rgb(238,  
155, 122) }
```

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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