

Converting Colors

XYZ(49.8328, 43.6550, 25.0621)

Have a look what the booklet for
XYZ(49.8328, 43.6550, 25.0621)
contains.

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Color

**XYZ(50.0315, 43.7694,
25.2134)**

Conversions

Conversions Part 1

Format	Color
Hex	EA9F7D
RGB	234, 159, 125
RGB Percent	92%, 62%, 49%
CMY	0.0824, 0.3764, 0.5098
CMYK	0.00, 0.32, 0.47, 0.08
HSL	19°, 72%, 70%
HSV	19°, 47%, 92%
XYZ	50.0315, 43.7694, 25.2134
YIQ	177.5490, 55.6140, 5.3260

Conversions

Conversions Part 2

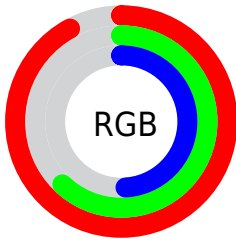
Format	Color
RYB	234, 174, 125
Decimal	15376253
CIELab	72.07, 24.08, 29.04
CIElCh	72, 37.723, 50.328
Yxy	43.7694, 0.4204, 0.3678
Android (android.graphics.Color)	4293566333 (0xFFEA9F7D)
YUV	177.5490, -25.9067, 49.5075
Hunter-Lab	66.1584, 19.2111, 23.7151

Details

The XYZ color **50.0315, 43.7694, 25.2134** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **43.9619, 51.6067, 85.4857**, and the grayscale version is **42.1916, 44.3888, 48.3394**.

A 20% lighter version of the original color is **73.3224, 72.5675, 52.2619**, and **24.2414, 20.1512, 9.4494** is the 20% darker color. If you saturate the color by 10%, you get **46.1186, 38.0607, 17.3827**, and if you desaturate by 10%, it is **54.6594, 50.3445, 35.0204**.

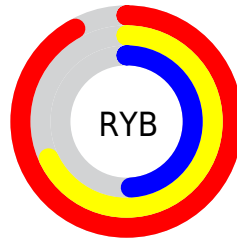
Distribution



Red (92%)

Green (62%)

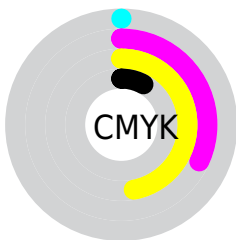
Blue (49%)



Red (92%)

Yellow (68%)

Blue (49%)

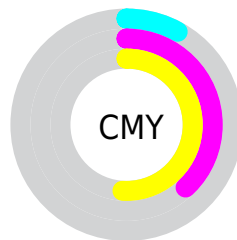


Cyan (0%)

Magenta (32%)

Yellow (47%)

Black (8%)



Cyan (8%)


Magenta (38%)


Yellow (51%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 50.0315, 43.7694, 25.2134 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 50.0315, 43.7694, 25.2134 by changing the saturation by 10% instead.


 50.0315, 43.7694,
25.2134


 50.0315, 43.7694,
25.2134


377.2391,
361.7664, 292.3806


 35.6563, 30.4893,
16.0157


 89.4131, 80.8706,
52.9716

 24.3378, 20.2102,
9.3808


 115.1502,
105.4605, 72.3692

 15.7105, 12.5480,
4.8902


 145.4054,
134.5891, 96.0037

 9.4090, 7.1180,
2.1254

180.5439,
168.6408, 124.2938

 5.0682, 3.5360,
0.6308

220.9312,
208.0000, 157.6580

 2.3225, 1.4176,
0.0000

266.9326,

 0.8061, 0.2296,

253.0510, 196.5149

0.0000

318.9134,
304.1784, 241.2829

■ 0.0000, 0.0000,
0.0000

■ 50.0315, 43.7694,
25.2134

■ 50.0315, 43.7694,
25.2134

■ 46.1186, 38.0607,
17.3827

■ 54.6594, 50.3445,
35.0204

■ 42.8784, 33.1743,
11.3890

■ 60.0346, 57.8147,
46.9250

■ 40.2690, 29.0714,
7.0785

■ 66.1916, 66.2155,
61.0414

■ 38.2412, 25.7073,
4.2707

■ 73.1614, 75.5780,
77.4749

■ 36.7360, 23.0311,
2.7390

■ 80.9733, 85.9323,
96.3242

■ 36.3143, 22.2578,
2.3822

■ 87.7416, 96.2324,
108.5580

Harmonies

Analogous

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



54.3481, 43.7694, 36.3530



50.0315, 43.7694, 25.2134



43.7201, 43.7694, 20.5191

Triad

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



50.0315, 43.7694, 25.2134



30.5345, 43.7694, 41.9358



46.0602, 43.7694, 89.3239

Complementary

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



50.0315, 43.7694, 25.2134



43.9619, 51.6067, 85.4857

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.



39.5525, 43.7694, 91.9444



50.0315, 43.7694, 25.2134



31.0221, 43.7694, 61.0915

Square

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



50.0315, 43.7694, 25.2134



32.7672, 43.7694, 28.3891



34.1760, 43.7694, 80.5564



51.8960, 43.7694, 74.1175

Rectangle

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



50.0315, 43.7694, 25.2134



39.4174, 43.7694, 20.5594



34.1760, 43.7694, 80.5564



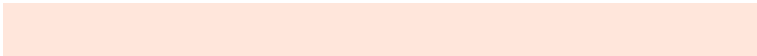
43.8648, 43.7694, 91.8350

Sweetspot

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



50.0326, 43.7716, 25.2142



82.4845, 83.2278, 78.9423



51.8434, 36.3911, 59.7354



17.2786, 17.3058, 16.0177



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.



50.0326, 43.7716, 25.2142



56.1906, 46.4639, 21.3945



61.2269, 66.1601, 28.9457



15.4489, 15.8207, 15.7582



20.5055, 12.7052, 1.3716



1.6932, 1.1637, 0.1354

Inverse Universe

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



43.9619, 51.6067, 85.4857



47.9153, 56.9934, 103.0832



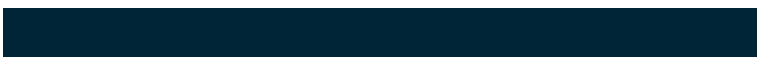
33.7117, 31.1062, 82.0690



15.0983, 16.2830, 19.2694



15.6245, 17.8960, 46.3737



1.3120, 1.5756, 3.6698

Previews

White Background



This preview shows how the XYZ color 50.0315, 43.7694, 25.2134 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 50.0315, 43.7694, 25.2134 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

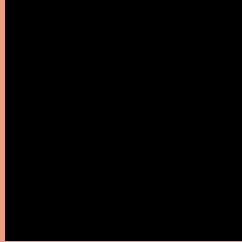
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 50.0315, 43.7694, 25.2134

Background



This preview shows how black text looks on a background with the XYZ color 50.0315, 43.7694, 25.2134.



This preview shows how white text looks on a background with the XYZ color 50.0315, 43.7694,

25.2134.

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

50.0315, 43.7694, 25.2134

Protanopia

41.1910, 44.0849, 28.5285

Deuteranopia

44.6271, 43.6549, 24.8130



Tritanopia

53.2722, 43.8323, 41.2500

Trichromacy



Original Color

50.0315, 43.7694, 25.2134

Protanomaly

43.8576, 43.4830, 27.2006

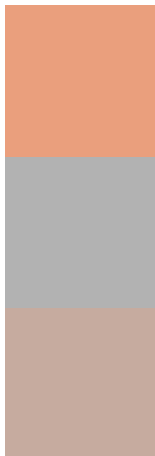
Deuteranomaly

46.3066, 43.4256, 25.0101

Tritanomaly

51.9856, 43.8118, 34.5707

Monochromacy



Original Color

50.0315, 43.7694, 25.2134

Achromatopsia

42.3164, 44.5201, 48.4824

Achromatomaly

44.1096, 43.6348, 38.8984

CSS Examples

Text

The CSS property to change the color of the text to XYZ 50.0315, 43.7694, 25.2134 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(234, 159, 125)` looks like.

```
.text, #text, p{  
    color:rgb(234, 159, 125)  
}
```

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(234, 159, 125) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(234, 159, 125) }
```

Border

The CSS property to change the border of an element to XYZ 50.0315, 43.7694, 25.2134 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(234, 159, 125) }
```


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

```
.border{ border-color:rgb(234, 159, 125) }
```

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

Here you see how a box with a 4 pixel `rgb(234, 159, 125)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(234, 159, 125); -webkit-box-  
shadow:4px 4px 4px 4px rgb(234, 159, 125);  
box-shadow:4px 4px 4px 4px rgb(234, 159,  
125) }
```

Background

The CSS property to change the background color of an element to XYZ 50.0315, 43.7694, 25.2134 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(234, 159, 125) }
```

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

```
.background{ background-color: rgb(234,  
159, 125) }
```

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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