

Converting Colors

XYZ(43.6314, 38.7341, 24.8458)

Have a look what the booklet for
XYZ(43.6314, 38.7341, 24.8458)
contains.

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Color

**XYZ(43.6094, 38.7145,
24.9129)**

Conversions

Conversions Part 1

Format	Color
Hex	D9987E
RGB	217, 152, 126
RGB Percent	85%, 60%, 49%
CMY	0.1490, 0.4039, 0.5059
CMYK	0.00, 0.30, 0.42, 0.15
HSL	17°, 54%, 67%
HSV	17°, 42%, 85%
XYZ	43.6094, 38.7145, 24.9129
YIQ	168.4710, 47.0860, 5.6940

Conversions

Conversions Part 2

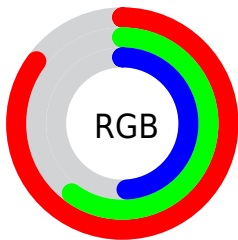
Format	Color
R _Y B	217, 162, 126
Decimal	14260350
CIE Lab	68.54, 21.23, 23.44
CIE LCh	69, 31.624, 47.835
Yxy	38.7145, 0.4067, 0.3610
Android (android.graphics.Color)	4292450430 (0xFFD9987E)
YUV	168.4710, -20.9382, 42.5599
Hunter-Lab	62.2210, 16.2203, 19.8153

Details

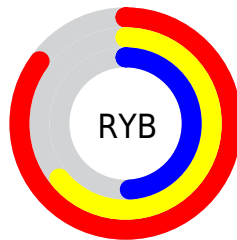
The XYZ color **43.6094, 38.7145, 24.9129** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **39.7587, 46.7053, 72.5651**, and the grayscale version is **37.5355, 39.4903, 43.0049**.

A 20% lighter version of the original color is **71.6895, 69.1403, 52.2148**, and **20.4904, 17.3168, 9.2837** is the 20% darker color. If you saturate the color by 10%, you get **40.0050, 33.5087, 17.5365**, and if you desaturate by 10%, it is **47.8483, 44.7030, 33.9999**.

Distribution



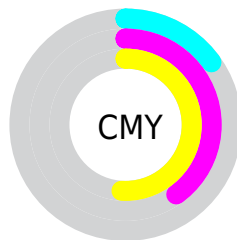
- Red (85%)
- Green (60%)
- Blue (49%)



- Red (85%)
- Yellow (64%)
- Blue (49%)



- Cyan (0%)
- Magenta (30%)
- Yellow (42%)
- Black (15%)





- Cyan (15%)
- Magenta (40%)
- Yellow (51%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 43.6094, 38.7145, 24.9129 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 43.6094, 38.7145, 24.9129 by changing the saturation by 10% instead.


 43.6094, 38.7145,
24.9129


 43.6094, 38.7145,
24.9129


351.9911,
340.6751, 290.8377


 30.5601, 26.5377,
15.7937


 79.8797, 73.2020,
52.4783

 20.4143, 17.2263,
9.2255


 103.8314, 96.2814,
71.7615

 12.8066, 10.3960,
4.7898


 132.1479,
123.7639, 95.2699

 7.3716, 5.6623,
2.0679

165.1947,
156.0338, 123.4220

 3.7439, 2.6408,
0.5965

203.3371,
193.4754, 156.6363

 1.5583, 0.9472,
0.0000

246.9404,

 0.3650, 0.0000,

236.4733, 195.3313

0.0000

296.3699,
285.4117, 239.9256

■ 0.0000, 0.0000,
0.0000

■ 43.6094, 38.7145,
24.9129

■ 43.6094, 38.7145,
24.9129

■ 40.0050, 33.5087,
17.5365

■ 47.8483, 44.7030,
33.9999

■ 36.9995, 29.0467,
11.7597

■ 52.7486, 51.4998,
44.8943

■ 34.5585, 25.2947,
7.4619


■ 58.3395, 59.1360,
57.6883


■ 32.6418, 22.2135,
4.5042


■ 64.6472, 67.6395,
72.4672

■ 31.2034, 19.7598,
2.7205

■ 71.6966, 77.0369,
89.3109

 30.3385, 18.1981,
1.9136

 79.3174, 87.2760,
107.2732

 82.4252, 93.4917,
108.3092

Harmonies

Analogous

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



46.6903, 38.7145, 34.2969



43.6094, 38.7145, 24.9129



38.8529, 38.7145, 20.6199

Triad

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



43.6094, 38.7145, 24.9129



28.2044, 38.7145, 36.6322



39.8096, 38.7145, 74.0355

Complementary

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



43.6094, 38.7145, 24.9129



39.7587, 46.7053, 72.5651

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.



34.8149, 38.7145, 75.0625



43.6094, 38.7145, 24.9129



28.4103, 38.7145, 51.1268

Square

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



43.6094, 38.7145, 24.9129



30.1434, 38.7145, 26.2887



30.7337, 38.7145, 65.9341



44.3640, 38.7145, 63.3824

Rectangle

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



43.6094, 38.7145, 24.9129



35.5065, 38.7145, 20.3972



30.7337, 38.7145, 65.9341



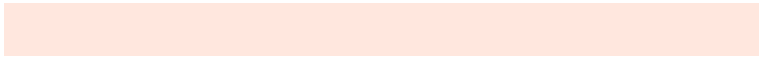
38.1183, 38.7145, 75.5927

Sweetspot

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



43.6104, 38.7164, 24.9137



83.0711, 83.8587, 80.8099



45.5042, 33.4449, 53.4727



17.3834, 17.4087, 16.3815



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.



43.6104, 38.7164, 24.9137



58.3673, 49.3330, 26.6959



52.4120, 56.3195, 27.8475



13.3576, 13.6545, 13.6571



18.4437, 11.1729, 1.1845



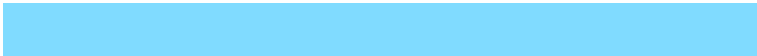
1.2676, 0.8694, 0.1010

Inverse Universe

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



39.7587, 46.7053, 72.5651



52.0953, 62.2069, 103.8692



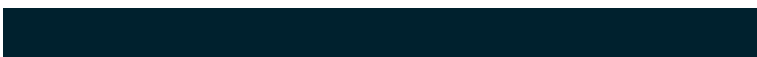
31.3642, 29.9164, 69.7669



13.1141, 14.1680, 16.6956



14.7703, 17.4100, 42.3204



1.0290, 1.2722, 2.7658

Previews

White Background



This preview shows how the XYZ color 43.6094, 38.7145, 24.9129 looks on a white background.

Color Contrast Check

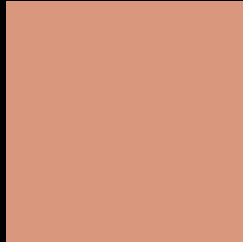
Large Text (above 18pt) WCAG AA × Fail

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 43.6094, 38.7145, 24.9129 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 43.6094, 38.7145, 24.9129

Background



This preview shows how black text looks on a background with the XYZ color 43.6094, 38.7145, 24.9129.



This preview shows how white text looks on a background with the XYZ color 43.6094, 38.7145,

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

43.6094, 38.7145, 24.9129

Protanopia

36.4125, 38.7959, 27.7595

Deuteranopia

39.6717, 38.9507, 24.4961



Tritanopia

46.2069, 38.5863, 37.8134

Trichromacy



Original Color

43.6094, 38.7145, 24.9129

Protanomaly

38.6878, 38.6588, 26.5419

Deuteranomaly

41.1054, 38.9135, 24.7466

Tritanomaly

45.2273, 38.6615, 32.6824

Monochromacy



Original Color

43.6094, 38.7145, 24.9129

Achromatopsia

37.2190, 39.1572, 42.6422

Achromatomaly

38.9198, 38.5797, 35.5323

CSS Examples

Text

The CSS property to change the color of the text to XYZ 43.6094, 38.7145, 24.9129 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(217, 152, 126)` looks like.

```
.text, #text, p{  
    color:rgb(217, 152, 126)  
}
```

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(217, 152, 126) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(217, 152, 126) }
```

Border

The CSS property to change the border of an element to XYZ 43.6094, 38.7145, 24.9129 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(217, 152, 126) }
```


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

```
.border{ border-color:rgb(217, 152, 126) }
```

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

Here you see how a box with a 4 pixel `rgb(217, 152, 126)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(217, 152, 126); -webkit-box-  
shadow:4px 4px 4px 4px rgb(217, 152, 126);  
box-shadow:4px 4px 4px 4px rgb(217, 152,  
126) }
```

Background

The CSS property to change the background color of an element to XYZ 43.6094, 38.7145, 24.9129 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(217, 152, 126) }
```

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

```
.background{ background-color: rgb(217,  
152, 126) }
```

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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