

Converting Colors

XYZ(43.6973, 38.2846, 22.0520)

Have a look what the booklet for
XYZ(43.6973, 38.2846, 22.0520)
contains.

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Color

**XYZ(43.6324, 38.3127,
21.9250)**

Conversions

Conversions Part 1

Format	Color
Hex	DC9675
RGB	220, 150, 117
RGB Percent	86%, 59%, 46%
CMY	0.1373, 0.4117, 0.5412
CMYK	0.00, 0.32, 0.47, 0.14
HSL	19°, 60%, 66%
HSV	19°, 47%, 86%
XYZ	43.6324, 38.3127, 21.9250
YIQ	167.1680, 52.3130, 4.5770

Conversions

Conversions Part 2

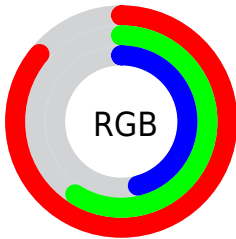
Format	Color
R_{YB}	220, 166, 117
Decimal	14456437
CIE _{Lab}	68.25, 22.56, 28.03
CIE _{LCh}	68, 35.984, 51.174
Yxy	38.3127, 0.4201, 0.3689
Android (android.graphics.Color)	4292646517 (0xFFDC9675)
YUV	167.1680, -24.7328, 46.3337
Hunter-Lab	61.8973, 17.5074, 22.3266

Details

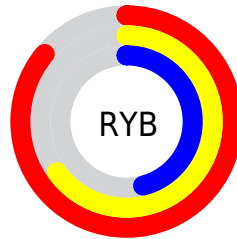
The XYZ color **43.6324, 38.3127, 21.9250** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **38.0237, 44.4878, 74.2928**, and the grayscale version is **36.9123, 38.8346, 42.2909**.

A 20% lighter version of the original color is **69.9943, 67.3103, 46.8392**, and **20.4055, 17.0224, 7.6790** is the 20% darker color. If you saturate the color by 10%, you get **40.2525, 33.3853, 15.1493**, and if you desaturate by 10%, it is **47.6226, 43.9742, 30.4045**.

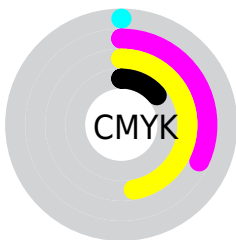
Distribution



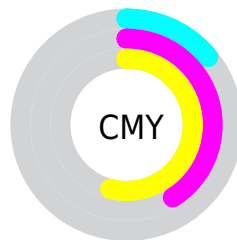
- Red (86%)
- Green (59%)
- Blue (46%)



- Red (86%)
- Yellow (65%)
- Blue (46%)



- Cyan (0%)
- Magenta (32%)
- Yellow (47%)
- Black (14%)





- Cyan (14%)
- Magenta (41%)
- Yellow (54%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 43.6324, 38.3127, 21.9250 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 43.6324, 38.3127, 21.9250 by changing the saturation by 10% instead.


 43.6324, 38.3127,
21.9250


 43.6324, 38.3127,
21.9250


352.0837,
338.9595, 275.0951


 30.5783, 26.2255,
13.6040


 79.9141, 72.5872,
47.5226

 20.4282, 16.9924,
7.7102

 103.8724, 95.5432,
65.6363

 12.8167, 10.2291,
3.8250

 132.1961,
122.8910, 87.8513

 7.3786, 5.5511,
1.5298

165.2506,
155.0149, 114.5862

 3.7484, 2.5741,
0.2400

203.4013,
192.2992, 146.2595

 1.5608, 0.9137,
0.0000

247.0134,

 0.3667, 0.0000,

235.1286, 183.2897

0.0000

296.4524,
283.8872, 226.0954

■ 0.0000, 0.0000,
0.0000

■ 43.6324, 38.3127,
21.9250

■ 43.6324, 38.3127,
21.9250

■ 40.2525, 33.3853,
15.1493

■ 47.6226, 43.9742,
30.4045

■ 37.4469, 29.1550,
9.9574

■ 52.2506, 50.3937,
40.6918

■ 35.1800, 25.5894,
6.2172


■ 57.5455, 57.6007,
52.8854

■ 33.4103, 22.6512,
3.7737


■ 63.5337, 65.6215,
67.0759


■ 32.0868, 20.2977,
2.4277

■ 70.2401, 74.4811,
83.3481

 31.7364, 19.6583,
2.1217

 77.6883, 84.2035,
101.7817

 83.2161, 93.7377,
108.3150

 83.3251, 93.9556,
108.3513

Harmonies

Analogous

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



47.4708, 38.3127, 31.4902



43.6324, 38.3127, 21.9250



38.1015, 38.3127, 17.9682

Triad

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



43.6324, 38.3127, 21.9250



26.7314, 38.3127, 37.1375



40.4667, 38.3127, 77.8177

Complementary

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



43.6324, 38.3127, 21.9250



38.0237, 44.4878, 74.2928

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.



34.7792, 38.3127, 80.4624



43.6324, 38.3127, 21.9250



27.2247, 38.3127, 53.9457

Square

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



43.6324, 38.3127, 21.9250



28.6160, 38.3127, 25.1413



30.0410, 38.3127, 70.8293



45.5161, 38.3127, 64.3285

Rectangle

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



43.6324, 38.3127, 21.9250



34.3574, 38.3127, 18.0942



30.0410, 38.3127, 70.8293



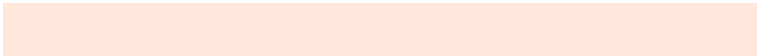
38.5533, 38.3127, 80.1211

Sweetspot

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



43.6334, 38.3146, 21.9257



82.5688, 83.3965, 78.9704



44.8873, 31.5428, 50.9518



17.2990, 17.3466, 16.0245



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.



43.6334, 38.3146, 21.9257



56.3956, 46.8740, 21.4629



53.6399, 58.3276, 25.2613



13.3950, 13.7293, 13.6696



18.7153, 11.7162, 1.2750



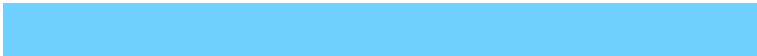
1.2889, 0.9120, 0.1081

Inverse Universe

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



38.0237, 44.4878, 74.2928



47.6173, 56.3973, 102.9838



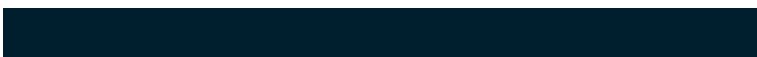
29.0424, 26.5250, 71.2990



13.0748, 14.0893, 16.6825



14.0407, 15.9509, 42.0772



0.9862, 1.1865, 2.7515

Previews

White Background



This preview shows how the XYZ color 43.6324, 38.3127, 21.9250 looks on a white background.

Color Contrast Check

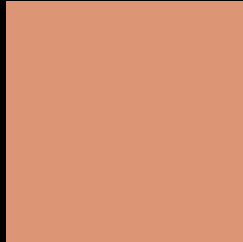
Large Text (above 18pt) WCAG AA × Fail

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 43.6324, 38.3127, 21.9250 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

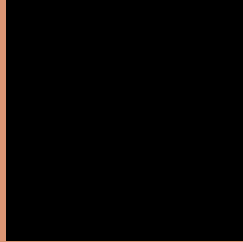
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 43.6324, 38.3127, 21.9250

Background



This preview shows how black text looks on a background with the XYZ color 43.6324, 38.3127, 21.9250.



This preview shows how white text looks on a background with the XYZ color 43.6324, 38.3127,

21.9250.

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

43.6324, 38.3127, 21.9250

Protanopia

36.0472, 38.6764, 24.6342

Deuteranopia

39.2185, 38.5215, 21.5880



Tritanopia

46.5576, 38.3391, 36.3988

Trichromacy



Original Color

43.6324, 38.3127, 21.9250

Protanomaly

38.4442, 38.3395, 23.4632

Deuteranomaly

40.7730, 38.3033, 21.7673

Tritanomaly

45.4404, 38.3500, 30.5985

Monochromacy



Original Color

43.6324, 38.3127, 21.9250

Achromatopsia

36.7301, 38.6429, 42.0822

Achromatomaly

38.4194, 38.0988, 33.7626

CSS Examples

Text

The CSS property to change the color of the text to XYZ 43.6324, 38.3127, 21.9250 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(220, 150, 117)` looks like.

```
.text, #text, p{  
    color:rgb(220, 150, 117)  
}
```

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(220, 150, 117) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(220, 150, 117) }
```

Border

The CSS property to change the border of an element to XYZ 43.6324, 38.3127, 21.9250 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(220, 150, 117) }
```


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

```
.border{ border-color:rgb(220, 150, 117) }
```

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

Here you see how a box with a 4 pixel `rgb(220, 150, 117)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(220, 150, 117); -webkit-box-shadow:4px 4px 4px 4px rgb(220, 150, 117); box-shadow:4px 4px 4px 4px rgb(220, 150, 117) }
```

Background

The CSS property to change the background color of an element to XYZ 43.6324, 38.3127, 21.9250 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(220, 150, 117) }
```

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

```
.background{ background-color: rgb(220,  
150, 117) }
```

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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