

Converting Colors

XYZ(42.2673, 38.4689, 24.5572)

Have a look what the booklet for
XYZ(42.2673, 38.4689, 24.5572)
contains.

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Color

**XYZ(42.4086, 38.5889,
24.6153)**

Conversions

Conversions Part 1

Format	Color
Hex	D49A7D
RGB	212, 154, 125
RGB Percent	83%, 60%, 49%
CMY	0.1686, 0.3961, 0.5098
CMYK	0.00, 0.27, 0.41, 0.17
HSL	20°, 50%, 66%
HSV	20°, 41%, 83%
XYZ	42.4086, 38.5889, 24.6153
YIQ	168.0360, 43.8770, 3.2770

Conversions

Conversions Part 2

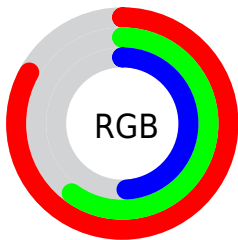
Format	Color
R_{YB}	212, 169, 125
Decimal	13933181
CIE _{Lab}	68.45, 18.05, 23.77
CIE _{LCh}	68, 29.847, 52.789
Yxy	38.5889, 0.4015, 0.3654
Android (android.graphics.Color)	4292123261 (0xFFD49A7D)
YUV	168.0360, -21.2167, 38.5564
Hunter-Lab	62.1200, 13.1500, 19.9901

Details

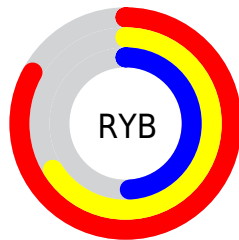
The XYZ color **42.4086, 38.5889, 24.6153** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **37.2739, 42.9787, 68.6183**, and the grayscale version is **37.3238, 39.2675, 42.7623**.

A 20% lighter version of the original color is **72.0763, 70.0753, 51.8465**, and **19.6723, 17.1909, 9.1188** is the 20% darker color. If you saturate the color by 10%, you get **38.9995, 33.7116, 17.4954**, and if you desaturate by 10%, it is **46.3834, 44.1348, 33.3506**.

Distribution



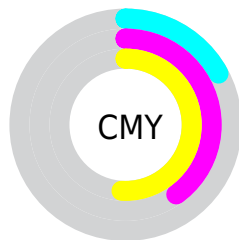
- Red (83%)
- Green (60%)
- Blue (49%)



- Red (83%)
- Yellow (66%)
- Blue (49%)



- Cyan (0%)
- Magenta (27%)
- Yellow (41%)
- Black (17%)





- Cyan (17%)
- Magenta (40%)
- Yellow (51%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 42.4086, 38.5889, 24.6153 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 42.4086, 38.5889, 24.6153 by changing the saturation by 10% instead.


 42.4086, 38.5889,
24.6153


 42.4086, 38.5889,
24.6153


347.1368,
340.1395, 289.3027


 29.6139, 26.4401,
15.5743

 78.0789, 73.0099,
51.9888

 19.6923, 17.1531,
9.0723


 101.6853, 96.0508,
71.1583

 12.2785, 10.3437,
4.6909


 129.6262,
123.4912, 94.5411

 7.0072, 5.6275,
2.0115

162.2670,
155.7155, 122.5557

 3.5130, 2.6199,
0.5624

199.9731,
193.1081, 155.6206

 1.4305, 0.9367,
0.0000

243.1099,

 0.2778, 0.0000,

236.0534, 194.1544

0.0000

292.0427,
284.9357, 238.5756

■ 0.0000, 0.0000,
0.0000

■ 42.4086, 38.5889,
24.6153

■ 42.4086, 38.5889,
24.6153

■ 38.9995, 33.7116,
17.4954

■ 46.3834, 44.1348,
33.3506

■ 36.1251, 29.4710,
11.8877

■ 50.9468, 50.3685,
43.7910

■ 33.7556, 25.8405,
7.6804


■ 56.1241, 57.3153,
56.0225

■ 31.8566, 22.7894,
4.7453

■ 61.9381, 64.9977,
70.1244


■ 30.3885, 20.2834,
2.9296

■ 68.4104, 73.4368,
86.1714

 29.3841, 18.4626,
2.0149

 75.5615, 82.6532,
104.2339

 80.3047, 91.4238,
108.0218

 80.9613, 92.7370,
108.2407

Harmonies

Analogous

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



45.6399, 38.5889, 32.7820



42.4086, 38.5889, 24.6153



37.8217, 38.5889, 21.2424

Triad

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



42.4086, 38.5889, 24.6153



28.4353, 38.5889, 38.8564



40.2844, 38.5889, 70.6233

Complementary

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



42.4086, 38.5889, 24.6153



37.2739, 42.9787, 68.6183

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.



35.5568, 38.5889, 73.2170



42.4086, 38.5889, 24.6153



28.9728, 38.5889, 52.8408

Square

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



42.4086, 38.5889, 24.6153



29.9513, 38.5889, 28.2481



31.4877, 38.5889, 66.1371



44.3423, 38.5889, 59.6594

Rectangle

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



42.4086, 38.5889, 24.6153



34.7164, 38.5889, 21.5208



31.4877, 38.5889, 66.1371



38.7112, 38.5889, 72.5865

Sweetspot

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



42.4096, 38.5908, 24.6161



84.3433, 85.8524, 82.9316



43.0324, 32.0835, 48.7246



17.8220, 18.0677, 17.2002



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.



42.4096, 38.5908, 24.6161



59.9694, 52.2666, 28.0644



50.9330, 55.6377, 27.4572



12.7582, 13.0905, 13.0150



18.2230, 11.5633, 1.2715



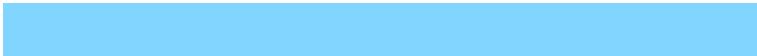
1.1742, 0.8476, 0.1017

Inverse Universe

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



37.2739, 42.9787, 68.6183



51.1443, 59.7311, 103.4414



29.6466, 27.7242, 66.0759



12.4272, 13.3778, 15.8647



13.3414, 14.9446, 40.6346



0.8794, 1.0507, 2.4758

Previews

White Background



This preview shows how the XYZ color 42.4086, 38.5889, 24.6153 looks on a white background.

Color Contrast Check

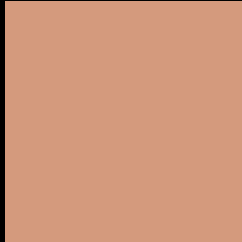
Large Text (above 18pt) WCAG AA × Fail

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 42.4086, 38.5889, 24.6153 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

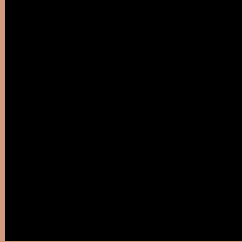
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 42.4086, 38.5889, 24.6153

Background



This preview shows how black text looks on a background with the XYZ color 42.4086, 38.5889, 24.6153.



This preview shows how white text looks on a background with the XYZ color 42.4086, 38.5889,

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

42.4086, 38.5889, 24.6153

Protanopia

36.2755, 38.7411, 27.0386

Deuteranopia

39.4976, 38.6026, 24.4381



Tritanopia

45.1169, 38.4800, 38.3072

Trichromacy



Original Color

42.4086, 38.5889, 24.6153

Protanomaly

38.1180, 38.3728, 26.1665

Deuteranomaly

40.4936, 38.6055, 24.3861

Tritanomaly

44.0646, 38.5359, 32.7195

Monochromacy



Original Color

42.4086, 38.5889, 24.6153

Achromatopsia

37.2190, 39.1572, 42.6422

Achromatomaly

38.5319, 38.6517, 35.1354

CSS Examples

Text

The CSS property to change the color of the text to XYZ 42.4086, 38.5889, 24.6153 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(212, 154, 125)` looks like.

```
.text, #text, p{  
    color:rgb(212, 154, 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(212, 154, 125) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(212, 154, 125) }
```

Border

The CSS property to change the border of an element to XYZ 42.4086, 38.5889, 24.6153 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(212, 154, 125) }
```


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

```
.border{ border-color:rgb(212, 154, 125) }
```

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

Here you see how a box with a 4 pixel `rgb(212, 154, 125)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(212, 154, 125); -webkit-box-  
shadow:4px 4px 4px 4px rgb(212, 154, 125);  
box-shadow:4px 4px 4px 4px rgb(212, 154,  
125) }
```

Background

The CSS property to change the background color of an element to XYZ 42.4086, 38.5889, 24.6153 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(212, 154, 125) }
```

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

```
.background{ background-color: rgb(212,  
154, 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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