

Converting Colors

XYZ(42.2759, 39.2492, 24.2122)

Have a look what the booklet for
XYZ(42.2759, 39.2492, 24.2122)
contains.

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Color

**XYZ(42.2105, 39.2456,
24.0893)**

Conversions

Conversions Part 1

Format	Color
Hex	D29D7B
RGB	210, 157, 123
RGB Percent	82%, 62%, 48%
CMY	0.1765, 0.3843, 0.5176
CMYK	0.00, 0.25, 0.41, 0.18
HSL	23°, 49%, 65%
HSV	23°, 41%, 82%
XYZ	42.2105, 39.2456, 24.0893
YIQ	168.9710, 42.5020, 0.6620

Conversions

Conversions Part 2

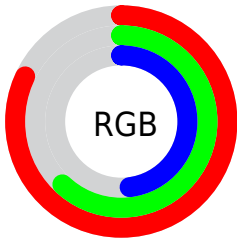
Format	Color
R _Y B	210, 179, 123
Decimal	13802875
CIE Lab	68.93, 15.40, 25.47
CIE LCh	69, 29.761, 58.836
Yxy	39.2456, 0.3999, 0.3718
Android (android.graphics.Color)	4291992955 (0xFFD29D7B)
YUV	168.9710, -22.6637, 35.9824
Hunter-Lab	62.6463, 10.6406, 21.0537

Details

The XYZ color **42.2105, 39.2456, 24.0893** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **35.3261, 39.9134, 66.8151**, and the grayscale version is **37.7924, 39.7605, 43.2992**.

A 20% lighter version of the original color is **72.6200, 71.4816, 51.0441**, and **19.7165, 17.6725, 8.8505** is the 20% darker color. If you saturate the color by 10%, you get **38.9823, 34.6722, 17.2085**, and if you desaturate by 10%, it is **45.9493, 44.3888, 32.5322**.

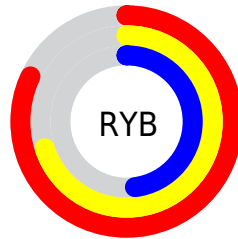
Distribution



Red (82%)

Green (62%)

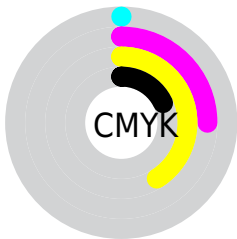
Blue (48%)



Red (82%)

Yellow (70%)

Blue (48%)

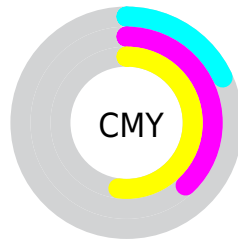


Cyan (0%)

Magenta (25%)

Yellow (41%)

Black (18%)



Cyan (18%)


Magenta (38%)


Yellow (52%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 42.2105, 39.2456, 24.0893 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 42.2105, 39.2456, 24.0893 by changing the saturation by 10% instead.


 42.2105, 39.2456,
24.0893


 42.2105, 39.2456,
24.0893


346.3316,
342.9335, 286.5727


 29.4580, 26.9508,
15.1871


 77.7813, 74.0134,
51.1215

 19.5736, 17.5363,
8.8027

 101.3302, 97.2552,
70.0886

 12.1919, 10.6176,
4.5177


 129.2087,
124.9147, 93.2477

 6.9476, 5.8103,
1.9134

161.7821,
157.3765, 121.0174

 3.4754, 2.7301,
0.5012

199.4157,
195.0249, 153.8162

 1.4099, 0.9925,
0.0000

242.4750,

 0.2632, 0.0000,

238.2443, 192.0627

0.0000

291.3251,
287.4190, 236.1753

■ 0.0000, 0.0000,
0.0000

■ 42.2105, 39.2456,
24.0893

■ 42.2105, 39.2456,
24.0893

■ 38.9823, 34.6722,
17.2085

■ 45.9493, 44.3888,
32.5322

■ 36.2366, 30.6417,
11.7894

■ 50.2190, 50.1162,
42.6245

■ 33.9468, 27.1334,
7.7232

■ 55.0422, 56.4483,
54.4497

■ 32.0819, 24.1227,
4.8848

■ 60.4393, 63.4031,
68.0850

■ 30.6059, 21.5819,
3.1249

■ 66.4295, 70.9979,
83.6026

■ 29.6017, 19.7483,
2.2516

■ 73.0314, 79.2490,
101.0712

■ 77.7516, 87.1681,
107.3349

■ 80.3884, 92.4417,
108.2138

Harmonies

Analogous

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



45.8524, 39.2456, 31.3567



42.2105, 39.2456, 24.0893



37.4868, 39.2456, 21.6169

Triad

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



42.2105, 39.2456, 24.0893



28.9252, 39.2456, 42.2049



41.8640, 39.2456, 69.8609

Complementary

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



42.2105, 39.2456, 24.0893



35.3261, 39.9134, 66.8151

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.



37.1173, 39.2456, 74.4334



42.2105, 39.2456, 24.0893



29.8863, 39.2456, 56.5706

Square

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



42.2105, 39.2456, 24.0893



30.0459, 39.2456, 30.6171



32.7892, 39.2456, 69.1292



45.6407, 39.2456, 57.6827

Rectangle

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



42.2105, 39.2456, 24.0893



34.4408, 39.2456, 22.5115



32.7892, 39.2456, 69.1292



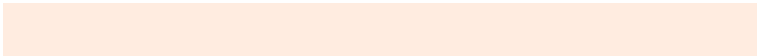
40.3169, 39.2456, 72.4392

Sweetspot

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



42.2115, 39.2475, 24.0901



84.8481, 86.8621, 83.0998



41.5625, 31.0283, 45.2111



17.9404, 18.3045, 17.2397



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.



42.2115, 39.2475, 24.0901



60.8916, 54.3818, 27.5373



50.7733, 56.3710, 26.9440



12.1823, 12.5553, 12.3934



18.1478, 12.2287, 1.4039



1.0910, 0.8363, 0.1039

Inverse Universe

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



35.3261, 39.9134, 66.8151



48.7481, 55.5126, 102.7535



28.2097, 25.6807, 64.4429



11.7543, 12.5989, 15.0560



11.8984, 12.4435, 38.9672



0.7413, 0.8477, 2.2041

Previews

White Background



This preview shows how the XYZ color 42.2105, 39.2456, 24.0893 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 42.2105, 39.2456, 24.0893 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

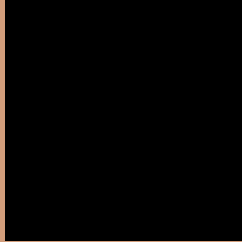
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 42.2105, 39.2456, 24.0893

Background



This preview shows how black text looks on a background with the XYZ color 42.2105, 39.2456, 24.0893.



This preview shows how white text looks on a background with the XYZ color 42.2105, 39.2456,

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

42.2105, 39.2456, 24.0893

Protanopia

36.7213, 39.2671, 26.0660

Deuteranopia

40.0771, 39.1742, 23.8614



Tritanopia

45.5707, 39.3970, 39.8529

Trichromacy



Original Color

42.2105, 39.2456, 24.0893

Protanomaly

38.5272, 39.1336, 25.2616

Deuteranomaly

40.9855, 39.3841, 23.8541

Tritanomaly

44.3415, 39.3955, 33.2840

Monochromacy



Original Color

42.2105, 39.2456, 24.0893

Achromatopsia

37.7116, 39.6755, 43.2066

Achromatomaly

38.8898, 39.3676, 35.2548

CSS Examples

Text

The CSS property to change the color of the text to XYZ 42.2105, 39.2456, 24.0893 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(210, 157, 123)` looks like.

```
.text, #text, p{  
    color:rgb(210, 157, 123)  
}
```

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(210, 157, 123) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(210, 157, 123) }
```

Border

The CSS property to change the border of an element to XYZ 42.2105, 39.2456, 24.0893 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(210, 157, 123) }
```


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

```
.border{ border-color:rgb(210, 157, 123) }
```

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

Here you see how a box with a 4 pixel `rgb(210, 157, 123)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(210, 157, 123); -webkit-box-  
shadow:4px 4px 4px 4px rgb(210, 157, 123);  
box-shadow:4px 4px 4px 4px rgb(210, 157,  
123) }
```

Background

The CSS property to change the background color of an element to XYZ 42.2105, 39.2456, 24.0893 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(210, 157, 123) }
```

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

```
.background{ background-color: rgb(210,  
157, 123) }
```

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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