

Converting Colors

XYZ(42.1594, 39.4643, 24.4641)

Have a look what the booklet for XYZ(42.1594, 39.4643, 24.4641) contains.

- XYZ(42.1594, 39.4643, 24.4641) 3**
- Conversions* 4**
- Details* 6**
- Harmonies* 12**
- Previews* 24**
- Color Blindness Simulation* 28**
- CSS Examples* 31**

Color

**XYZ(42.1594, 39.4643,
24.4641)**

Conversions

Conversions Part 1

Format	Color
Hex	D19E7C
RGB	209, 158, 124
RGB Percent	82%, 62%, 49%
CMY	0.1804, 0.3804, 0.5137
CMYK	0.00, 0.24, 0.41, 0.18
HSL	24°, 48%, 65%
HSV	24°, 41%, 82%
XYZ	42.1594, 39.4643, 24.4641
YIQ	169.3730, 41.3100, 0.2380

Conversions

Conversions Part 2

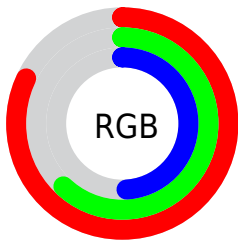
Format	Color
R _Y B	209, 181, 124
Decimal	13737596
CIE Lab	69.09, 14.57, 25.11
CIE LCh	69, 29.033, 59.883
Yxy	39.4643, 0.3974, 0.3720
Android (android.graphics.Color)	4291927676 (0xFFD19E7C)
YUV	169.3730, -22.3689, 34.7529
Hunter-Lab	62.8206, 9.8566, 20.8853

Details

The XYZ color **42.1594, 39.4643, 24.4641** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **35.1500, 39.5468, 66.1020**, and the grayscale version is **37.9908, 39.9693, 43.5265**.

A 20% lighter version of the original color is **72.9701, 72.0228, 51.6508**, and **19.6646, 17.7957, 9.0551** is the 20% darker color. If you saturate the color by 10%, you get **38.9446, 34.9304, 17.5483**, and if you desaturate by 10%, it is **45.8746, 44.5505, 32.9295**.

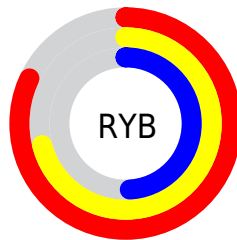
Distribution



Red (82%)

Green (62%)

Blue (49%)



Red (82%)

Yellow (71%)

Blue (49%)

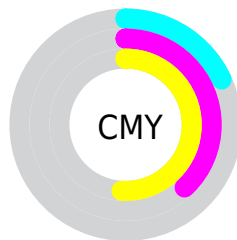


Cyan (0%)

Magenta (24%)

Yellow (41%)

Black (18%)



Cyan (18%)


Magenta (38%)


Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 42.1594, 39.4643, 24.4641 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 42.1594, 39.4643, 24.4641 by changing the saturation by 10% instead.


 42.1594, 39.4643,
24.4641


 42.1594, 39.4643,
24.4641


346.1237,
343.8605, 288.5202


 29.4178, 27.1211,
15.4629


 77.7045, 74.3471,
51.7398

 19.5430, 17.6642,
8.9947


 101.2386, 97.6555,
70.8513

 12.1696, 10.7092,
4.6409


 129.1010,
125.3877, 94.1700

 6.9323, 5.8716,
1.9831

161.6570,
157.9282, 122.1145

 3.4658, 2.7672,
0.5449

199.2718,
195.6613, 155.1032

 1.4046, 1.0114,
0.0000

242.3110,

 0.2595, 0.0000,

238.9715, 193.5547

0.0000

291.1399,
288.2431, 237.8875

■ 0.0000, 0.0000,
0.0000

■ 42.1594, 39.4643,
24.4641

■ 42.1594, 39.4643,
24.4641

■ 38.9446, 34.9304,
17.5483

■ 45.8746, 44.5505,
32.9295

■ 36.2028, 30.9229,
12.0835

■ 50.1098, 50.2024,
43.0299

■ 33.9082, 27.4222,
7.9634


■ 54.8868, 56.4398,
54.8473


■ 32.0311, 24.4049,
5.0659

■ 60.2256, 63.2799,
68.4576


■ 30.5366, 21.8447,
3.2458

■ 66.1448, 70.7389,
83.9319

 29.4347, 19.8359,
2.2773

 72.6623, 78.8326,
101.3375

 77.2323, 86.5512,
107.2432

 80.1044, 92.2953,
108.2006

Harmonies

Analogous

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



45.7757, 39.4643, 31.4712



42.1594, 39.4643, 24.4641



37.5279, 39.4643, 22.1737

Triad

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



42.1594, 39.4643, 24.4641



29.2881, 39.4643, 42.9177



42.1252, 39.4643, 69.1031

Complementary

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



42.1594, 39.4643, 24.4641



35.1500, 39.5468, 66.1020

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.



37.4914, 39.4643, 73.8642



42.1594, 39.4643, 24.4641



30.3039, 39.4643, 56.9753

Square

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



42.1594, 39.4643, 24.4641



30.3197, 39.4643, 31.3977



33.2150, 39.4643, 69.0314



45.7549, 39.4643, 57.0846

Rectangle

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



42.1594, 39.4643, 24.4641



34.5609, 39.4643, 23.1665



33.2150, 39.4643, 69.0314



40.6215, 39.4643, 71.7035

Sweetspot

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



42.1604, 39.4662, 24.4649



84.9295, 87.0247, 83.1270



41.2401, 31.0661, 44.3804



17.9595, 18.3426, 17.2461



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.



42.1604, 39.4662, 24.4649



61.6014, 55.5306, 28.6084



50.7028, 56.5510, 27.3124



12.1913, 12.5733, 12.3964



18.2392, 12.4114, 1.4343



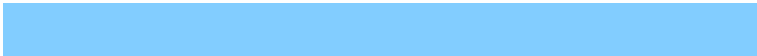
1.0966, 0.8475, 0.1058

Inverse Universe

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



35.1500, 39.5468, 66.1020



49.0979, 55.6385, 102.7593



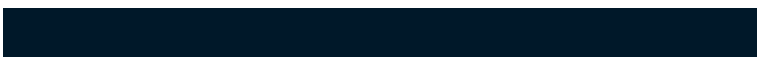
28.1404, 25.5274, 63.7655



11.7451, 12.5804, 15.0529



11.7467, 12.1399, 38.9166



0.7333, 0.8318, 2.2015

Previews

White Background



This preview shows how the XYZ color 42.1594, 39.4643, 24.4641 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 42.1594, 39.4643, 24.4641 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

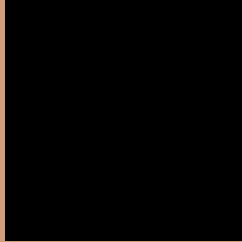
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 42.1594, 39.4643, 24.4641

Background



This preview shows how black text looks on a background with the XYZ color 42.1594, 39.4643, 24.4641.



This preview shows how white text looks on a background with the XYZ color 42.1594, 39.4643,

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

42.1594, 39.4643, 24.4641

Protanopia

37.2065, 39.7847, 26.4871

Deuteranopia

40.3149, 39.5501, 24.2480



Tritanopia

45.5326, 39.6089, 40.3674

Trichromacy



Original Color

42.1594, 39.4643, 24.4641

Protanomaly

38.7718, 39.5189, 25.6631

Deuteranomaly

40.9486, 39.6163, 24.2274

Tritanomaly

44.2975, 39.6097, 33.7445

Monochromacy



Original Color

42.1594, 39.4643, 24.4641

Achromatopsia

37.7116, 39.6755, 43.2066

Achromatomaly

38.9721, 39.4005, 35.6880

CSS Examples

Text

The CSS property to change the color of the text to XYZ 42.1594, 39.4643, 24.4641 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(209, 158, 124) looks like.

```
.text, #text, p{  
    color:rgb(209, 158, 124)  
}
```

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(209, 158, 124) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(209, 158, 124) }
```

Border

The CSS property to change the border of an element to XYZ 42.1594, 39.4643, 24.4641 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(209, 158, 124) }
```


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

```
.border{ border-color:rgb(209, 158, 124) }
```

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

Here you see how a box with a 4 pixel `rgb(209, 158, 124)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(209, 158, 124); -webkit-box-  
shadow:4px 4px 4px 4px rgb(209, 158, 124);  
box-shadow:4px 4px 4px 4px rgb(209, 158,  
124) }
```

Background

The CSS property to change the background color of an element to XYZ 42.1594, 39.4643, 24.4641 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(209, 158, 124) }
```

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

```
.background{ background-color: rgb(209,  
158, 124) }
```

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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