

Converting Colors

XYZ(44.3775, 42.3296, 24.4725)

Have a look what the booklet for
XYZ(44.3775, 42.3296, 24.4725)
contains.

XYZ(44.4709, 42.4865, 24.5957)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(44.4709, 42.4865,
24.5957)**

Conversions

Conversions Part 1

Format	Color
Hex	D5A57B
RGB	213, 165, 123
RGB Percent	84%, 65%, 48%
CMY	0.1647, 0.3529, 0.5176
CMYK	0.00, 0.23, 0.42, 0.16
HSL	28°, 52%, 66%
HSV	28°, 42%, 84%
XYZ	44.4709, 42.4865, 24.5957
YIQ	174.5640, 42.0900, -2.8860

Conversions

Conversions Part 2

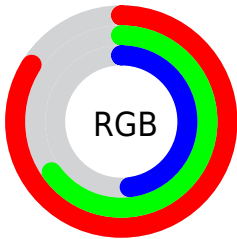
Format	Color
R_{YB}	213, 202, 123
Decimal	14001531
CIE _{Lab}	71.21, 12.28, 28.55
CIE _{LCh}	71, 31.078, 66.725
Yxy	42.4865, 0.3987, 0.3809
Android (android.graphics.Color)	4292191611 (0xFFD5A57B)
YUV	174.5640, -25.4211, 33.7084
Hunter-Lab	65.1817, 7.7156, 23.2546

Details

The XYZ color **44.4709, 42.4865, 24.5957** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **34.7410, 38.1394, 68.4814**, and the grayscale version is **40.6351, 42.7513, 46.5562**.

A 20% lighter version of the original color is **74.6697, 75.5810, 51.7274**, and **20.8515, 19.3726, 9.1189** is the 20% darker color. If you saturate the color by 10%, you get **41.3214, 38.0943, 17.6679**, and if you desaturate by 10%, it is **48.0946, 47.3628, 33.1136**.

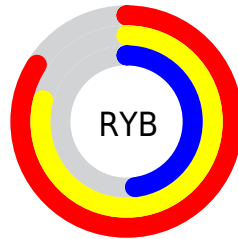
Distribution



Red (84%)

Green (65%)

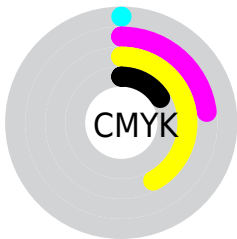
Blue (48%)



Red (84%)

Yellow (79%)

Blue (48%)

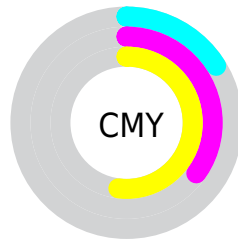


Cyan (0%)

Magenta (23%)

Yellow (42%)

Black (16%)



Cyan (16%)


Magenta (35%)


Yellow (52%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 44.4709, 42.4865, 24.5957 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 44.4709, 42.4865, 24.5957 by changing the saturation by 10% instead.


 44.4709, 42.4865,
24.5957

 44.4709, 42.4865,
24.5957


355.4463,
356.4957, 289.2014

 31.2404, 29.4824,
15.5598


 81.1678, 78.9354,
51.9565

 20.9347, 19.4461,
9.0622


 105.3650,
103.1490, 71.1186

 13.1885, 11.9930,
4.6844

 133.9483,
131.8679, 94.4931

 7.6363, 6.7389,
2.0079

167.2833,
165.4765, 122.4986

 3.9130, 3.2994,
0.5601

205.7352,
204.3592, 155.5536

 1.6530, 1.2900,
0.0000

249.6695,

 0.4266, 0.1334,

248.9004, 194.0767

0.0000

299.4514,
299.4844, 238.4865

■ 0.0000, 0.0000,
0.0000

■ 44.4709, 42.4865,
24.5957

■ 44.4709, 42.4865,
24.5957

■ 41.3214, 38.0943,
17.6679

■ 48.0946, 47.3628,
33.1136

■ 38.6193, 34.1631,
12.2261

■ 52.2112, 52.7330,
43.3117

■ 36.3394, 30.6765,
8.1573

■ 56.8420, 58.6144,
55.2762

■ 34.4521, 27.6146,
5.3313

■ 62.0062, 65.0214,
69.0869

■ 32.9228, 24.9548,
3.5916

■ 67.7217, 71.9676,
84.8182

■ 31.9415, 23.1480,
2.7845

■ 74.0057, 79.4664,
102.5408

■ 77.9972, 86.3794,
107.1697

■ 81.2506, 92.8861,
108.2542

Harmonies

Analogous

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



48.9544, 42.4865, 31.1398



44.4709, 42.4865, 24.5957



39.2206, 42.4865, 23.2195

Triad

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



44.4709, 42.4865, 24.5957



31.2290, 42.4865, 49.7016



46.6727, 42.4865, 73.2731

Complementary

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



44.4709, 42.4865, 24.5957



34.7410, 38.1394, 68.4814

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.



41.5664, 42.4865, 80.9982



44.4709, 42.4865, 24.5957



32.8740, 42.4865, 65.6218

Square

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



44.4709, 42.4865, 24.5957



31.8620, 42.4865, 35.8257



36.5520, 42.4865, 77.9328



50.3000, 42.4865, 58.5472

Rectangle

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



44.4709, 42.4865, 24.5957



36.0431, 42.4865, 25.0777



36.5520, 42.4865, 77.9328



45.0561, 42.4865, 76.9043

Sweetspot

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



44.4720, 42.4885, 24.5965



84.7822, 87.2808, 81.3803



41.8745, 31.2527, 42.3538



17.8034, 18.2486, 16.5215



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.



44.4720, 42.4885, 24.5965



62.4231, 57.7086, 27.2341



54.0624, 61.6694, 27.7934



12.8963, 13.3667, 13.0610



19.6115, 14.3403, 1.7343



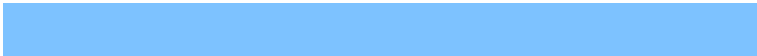
1.2653, 1.0297, 0.1321

Inverse Universe

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



34.7410, 38.1394, 68.4814



45.8594, 50.2948, 101.8986



27.6399, 23.9372, 66.1144



12.2855, 13.0943, 15.8175



11.0870, 10.4357, 39.8831



0.7512, 0.7945, 2.4331

Previews

White Background



This preview shows how the XYZ color 44.4709, 42.4865, 24.5957 looks on a white background.

Color Contrast Check

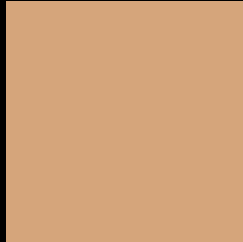
Large Text (above 18pt) WCAG AA × Fail

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 44.4709, 42.4865, 24.5957 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

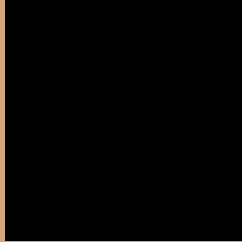
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 44.4709, 42.4865, 24.5957

Background



This preview shows how black text looks on a background with the XYZ color 44.4709, 42.4865, 24.5957.



This preview shows how white text looks on a background with the XYZ color 44.4709, 42.4865,

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

44.4709, 42.4865, 24.5957

Protanopia

39.7059, 42.4958, 26.1885

Deuteranopia

43.4063, 42.4774, 24.6501



Tritanopia

48.6623, 42.6420, 44.1940

Trichromacy



Original Color

44.4709, 42.4865, 24.5957

Protanomaly

41.3548, 42.5025, 25.7628

Deuteranomaly

43.7897, 42.4041, 24.6157

Tritanomaly

46.8965, 42.4218, 36.2884

Monochromacy



Original Color

44.4709, 42.4865, 24.5957

Achromatopsia

40.7470, 42.8690, 46.6844

Achromatomaly

41.5499, 42.3449, 37.4360

CSS Examples

Text

The CSS property to change the color of the text to XYZ 44.4709, 42.4865, 24.5957 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(213, 165, 123)` looks like.

```
.text, #text, p{  
    color:rgb(213, 165, 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(213, 165, 123) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(213, 165, 123) }
```

Border

The CSS property to change the border of an element to XYZ 44.4709, 42.4865, 24.5957 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(213, 165, 123) }
```


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

```
.border{ border-color:rgb(213, 165, 123) }
```

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

Here you see how a box with a 4 pixel `rgb(213, 165, 123)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(213, 165, 123); -webkit-box-  
shadow:4px 4px 4px 4px rgb(213, 165, 123);  
box-shadow:4px 4px 4px 4px rgb(213, 165,  
123) }
```

Background

The CSS property to change the background color of an element to XYZ 44.4709, 42.4865, 24.5957 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(213, 165, 123) }
```

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

```
.background{ background-color: rgb(213,  
165, 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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