

Converting Colors

XYZ(44.6071, 43.6590, 25.8584)

Have a look what the booklet for
XYZ(44.6071, 43.6590, 25.8584)
contains.

XYZ(44.5322, 43.5839, 25.8041)	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(44.5322, 43.5839,
25.8041)**

Conversions

Conversions Part 1

Format	Color
Hex	D2A97E
RGB	210, 169, 126
RGB Percent	82%, 66%, 49%
CMY	0.1765, 0.3372, 0.5059
CMYK	0.00, 0.20, 0.40, 0.18
HSL	31°, 48%, 66%
HSV	31°, 40%, 82%
XYZ	44.5322, 43.5839, 25.8041
YIQ	176.3570, 38.2390, -4.6810

Conversions

Conversions Part 2

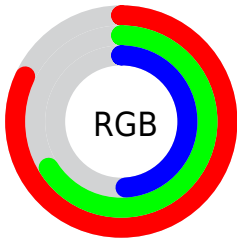
Format	Color
R_{YB}	206, 210, 126
Decimal	13805950
CIE _{Lab}	71.95, 9.25, 27.87
CIE _{LCh}	72, 29.365, 71.639
Yxy	43.5839, 0.3909, 0.3826
Android (android.graphics.Color)	4291996030 (0xFFD2A97E)
YUV	176.3570, -24.8260, 29.5049
Hunter-Lab	66.0181, 4.8747, 23.0383

Details

The XYZ color **44.5322, 43.5839, 25.8041** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **34.0553, 36.7249, 66.2665**, and the grayscale version is **41.5657, 43.7304, 47.6224**.

A 20% lighter version of the original color is **76.0323, 77.8260, 53.6624**, and **20.9922, 20.1144, 9.6135** is the 20% darker color. If you saturate the color by 10%, you get **41.4845, 39.4342, 18.7901**, and if you desaturate by 10%, it is **48.0160, 48.1505, 34.3677**.

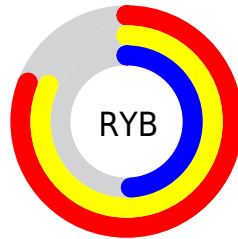
Distribution



Red (82%)

Green (66%)

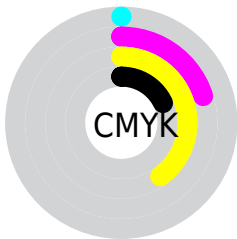
Blue (49%)



Red (81%)

Yellow (82%)

Blue (49%)

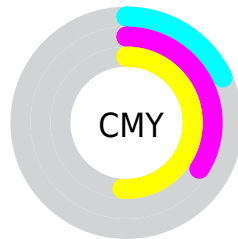


Cyan (0%)

Magenta (20%)

Yellow (40%)

Black (18%)



Cyan (18%)


Magenta (34%)


Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 44.5322, 43.5839, 25.8041 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 44.5322, 43.5839, 25.8041 by changing the saturation by 10% instead.


 44.5322, 43.5839,
25.8041


 44.5322, 43.5839,
25.8041


355.6913,
361.0076, 295.3939

 31.2888, 30.3435,
16.4527


 81.2594, 80.5912,
53.9389

 20.9718, 20.0995,
9.6872


 105.4739,
105.1270, 73.5595

 13.2157, 12.4674,
5.0892


 134.0762,
134.1967, 97.4401

 7.6553, 7.0628,
2.2400

167.4315,
168.1847, 125.9994

 3.9251, 3.5014,
0.6973

205.9054,
207.4753, 159.6559

 1.6599, 1.3988,
0.0000

249.8631,

 0.4309, 0.2158,

252.4531, 198.8281

0.0000

299.6699,
303.5024, 243.9346

■ 0.0000, 0.0000,
0.0000

■ 44.5322, 43.5839,
25.8041

■ 44.5322, 43.5839,
25.8041

■ 41.4845, 39.4342,
18.7901

■ 48.0160, 48.1505,
34.3677

■ 38.8483, 35.6812,
13.2275

■ 51.9524, 53.1408,
44.5656

■ 36.6012, 32.3118,
9.0106


■ 56.3607, 58.5696,
56.4796


■ 34.7167, 29.3097,
6.0182


■ 61.2582, 64.4484,
70.1849

■ 33.1640, 26.6564,
4.1068

■ 66.6611, 70.7888,
85.7527


 31.8896, 24.3242,
3.0143

 72.5850, 77.6015,
103.2497

 31.8895, 24.3240,
3.0142

 76.0089, 83.6827,
106.7540

 79.1243, 89.9136,
107.7925

 80.3883, 92.4416,
108.2138

Harmonies

Analogous

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



49.0440, 43.5839, 31.3934



44.5322, 43.5839, 25.8041



39.5134, 43.5839, 25.2507

Triad

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



44.5322, 43.5839, 25.8041



32.6939, 43.5839, 53.2374



48.1561, 43.5839, 71.1852

Complementary

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



44.5322, 43.5839, 25.8041



34.0553, 36.7249, 66.2665

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.



43.3977, 43.5839, 79.9034



44.5322, 43.5839, 25.8041



34.6393, 43.5839, 68.2314

Square

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



44.5322, 43.5839, 25.8041



32.9441, 43.5839, 39.2899



38.4662, 43.5839, 78.7249



51.2497, 43.5839, 56.6806

Rectangle

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



44.5322, 43.5839, 25.8041



36.5779, 43.5839, 27.6407



38.4662, 43.5839, 78.7249



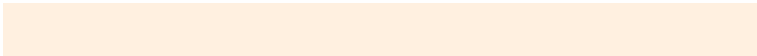
46.6828, 43.5839, 75.0098

Sweetspot

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



44.5333, 43.5860, 25.8050



85.9284, 89.0226, 83.4599



41.1074, 31.4509, 40.9502



18.1942, 18.8120, 17.3243



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.



44.5333, 43.5860, 25.8050



65.0203, 62.0910, 30.6035



53.3909, 61.3012, 28.7575



12.3020, 12.7947, 12.4333



19.5532, 15.0394, 1.8723



1.1726, 0.9995, 0.1311

Inverse Universe

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



34.0553, 36.7249, 66.2665



46.5834, 50.0211, 101.8076



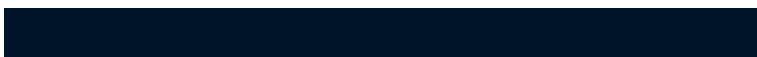
27.6983, 24.0110, 64.1475



11.6331, 12.3565, 15.0156



10.1235, 8.8937, 38.3756



0.6454, 0.6559, 2.1722

Previews

White Background



This preview shows how the XYZ color 44.5322, 43.5839, 25.8041 looks on a white background.

Color Contrast Check

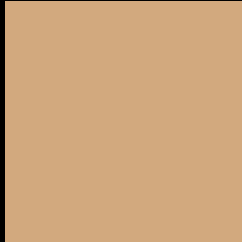
Large Text (above 18pt) WCAG AA × Fail

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 44.5322, 43.5839, 25.8041 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

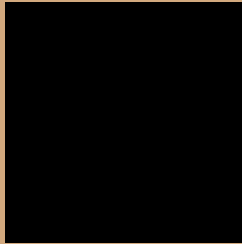
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 44.5322, 43.5839, 25.8041

Background



This preview shows how black text looks on a background with the XYZ color 44.5322, 43.5839, 25.8041.



This preview shows how white text looks on a background with the XYZ color 44.5322, 43.5839,

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

44.5322, 43.5839, 25.8041

Protanopia

40.7230, 43.5828, 27.0349

Deuteranopia

44.5322, 43.5839, 25.8041



Tritanopia

48.8594, 43.7366, 46.4243

Trichromacy



Original Color

44.5322, 43.5839, 25.8041

Protanomaly

41.8658, 43.3160, 26.5763

Deuteranomaly

44.5322, 43.5839, 25.8041

Tritanomaly

46.9815, 43.4907, 37.8166

Monochromacy



Original Color

44.5322, 43.5839, 25.8041

Achromatopsia

41.2663, 43.4154, 47.2793

Achromatomaly

41.8542, 43.0471, 38.4507

CSS Examples

Text

The CSS property to change the color of the text to XYZ 44.5322, 43.5839, 25.8041 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, 169, 126) looks like.

```
.text, #text, p{  
    color:rgb(210, 169, 126)  
}
```

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, 169, 126) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(210, 169, 126) }
```

Border

The CSS property to change the border of an element to XYZ 44.5322, 43.5839, 25.8041 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, 169, 126) }
```


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

```
.border{ border-color:rgb(210, 169, 126) }
```

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

Here you see how a box with a 4 pixel `rgb(210, 169, 126)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(210, 169, 126); -webkit-box-  
shadow:4px 4px 4px 4px rgb(210, 169, 126);  
box-shadow:4px 4px 4px 4px rgb(210, 169,  
126) }
```

Background

The CSS property to change the background color of an element to XYZ 44.5322, 43.5839, 25.8041 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(210, 169, 126) }
```

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

```
.background{ background-color: rgb(210,  
169, 126) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor