

Converting Colors

XYZ(44.9526, 42.7128, 25.6138)

Have a look what the booklet for
XYZ(44.9526, 42.7128, 25.6138)
contains.

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Color

**XYZ(44.9526, 42.7128,
25.6138)**

Conversions

Conversions Part 1

Format	Color
Hex	D6A57E
RGB	214, 165, 126
RGB Percent	84%, 65%, 49%
CMY	0.1608, 0.3529, 0.5059
CMYK	0.00, 0.23, 0.41, 0.16
HSL	27°, 52%, 67%
HSV	27°, 41%, 84%
XYZ	44.9526, 42.7128, 25.6138
YIQ	175.2050, 41.7230, -1.7410

Conversions

Conversions Part 2

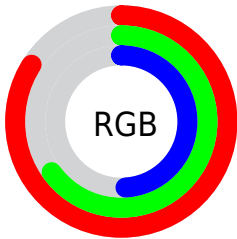
Format	Color
R_{YB}	214, 196, 126
Decimal	14067070
CIE _{Lab}	71.36, 13.01, 27.16
CIE _{LCh}	71, 30.113, 64.401
Yxy	42.7128, 0.3968, 0.3771
Android (android.graphics.Color)	4292257150 (0xFFD6A57E)
YUV	175.2050, -24.2581, 34.0232
Hunter-Lab	65.3550, 8.4048, 22.5117

Details

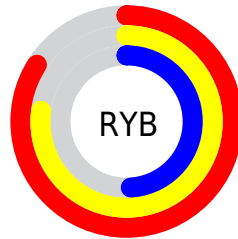
The XYZ color **44.9526, 42.7128, 25.6138** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **36.0711, 39.9491, 69.4280**, and the grayscale version is **40.9613, 43.0944, 46.9299**.

A 20% lighter version of the original color is **74.9699, 75.7011, 53.3083**, and **21.1143, 19.5002, 9.4885** is the 20% darker color. If you saturate the color by 10%, you get **41.6670, 38.1201, 18.4193**, and if you desaturate by 10%, it is **48.7360, 47.8282, 34.4323**.

Distribution



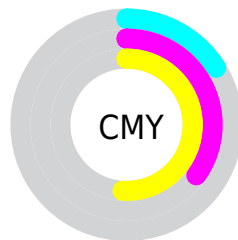
- Red (84%)
- Green (65%)
- Blue (49%)



- Red (84%)
- Yellow (77%)
- Blue (49%)



- Cyan (0%)
- Magenta (23%)
- Yellow (41%)
- Black (16%)





- Cyan (16%)
- Magenta (35%)
- Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 44.9526, 42.7128, 25.6138 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 44.9526, 42.7128, 25.6138 by changing the saturation by 10% instead.


 44.9526, 42.7128,
25.6138


 44.9526, 42.7128,
25.6138


357.3685,
357.4293, 294.4260


 31.6212, 29.6598,
16.3118


 81.8868, 79.2773,
53.6277

 21.2265, 19.5805,
9.5883

 106.2203,
103.5576, 73.1766

 13.4031, 12.0905,
5.0248


 134.9519,
132.3492, 96.9782

 7.7856, 6.8053,
2.2028

168.4469,
166.0363, 125.4511

 4.0087, 3.3407,
0.6760

207.0707,
205.0036, 159.0138

 1.7071, 1.3121,
0.0000

251.1887,

 0.4607, 0.1505,

249.6352, 198.0848

0.0000

301.1661,
300.3157, 243.0827

■ 0.0000, 0.0000,
0.0000

■ 44.9526, 42.7128,
25.6138

■ 44.9526, 42.7128,
25.6138

■ 41.6670, 38.1201,
18.4193

■ 48.7360, 47.8282,
34.4323

■ 38.8515, 34.0255,
12.7444

■ 53.0365, 53.4775,
44.9654

■ 36.4803, 30.4112,
8.4762


■ 57.8762, 59.6794,
57.2996


■ 34.5232, 27.2556,
5.4848

■ 63.2749, 66.4494,
71.5152


■ 32.9448, 24.5345,
3.6154

■ 69.2513, 73.8026,
87.6873

 31.8105, 22.4540,
2.6575

 75.8232, 81.7534,
105.8870

 79.4747, 88.9025,
107.5789

 81.5415, 93.0361,
108.2678

Harmonies

Analogous

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



49.1756, 42.7128, 32.4602



44.9526, 42.7128, 25.6138



39.8543, 42.7128, 23.8705

Triad

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



44.9526, 42.7128, 25.6138



31.6398, 42.7128, 48.6807



46.3526, 42.7128, 73.5282

Complementary

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



44.9526, 42.7128, 25.6138



36.0711, 39.9491, 69.4280

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.



41.3493, 42.7128, 80.2317



44.9526, 42.7128, 25.6138



33.0794, 42.7128, 64.1142

Square

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



44.9526, 42.7128, 25.6138



32.4316, 42.7128, 35.4659



36.5327, 42.7128, 76.4718



50.0299, 42.7128, 59.6303

Rectangle

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



44.9526, 42.7128, 25.6138



36.7049, 42.7128, 25.4486



36.5327, 42.7128, 76.4718



44.7555, 42.7128, 76.8155

Sweetspot

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



44.9537, 42.7148, 25.6147



85.3127, 87.7911, 83.2547



43.0159, 32.3476, 44.9820



18.0495, 18.5226, 17.2760



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.



44.9537, 42.7148, 25.6147



62.7122, 57.7522, 28.9787



54.0859, 60.9793, 28.6587



12.8718, 13.3177, 13.0529



19.3276, 13.7724, 1.6397



1.2475, 0.9942, 0.1262

Inverse Universe

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



36.0711, 39.9491, 69.4280



47.8294, 53.1014, 102.3365



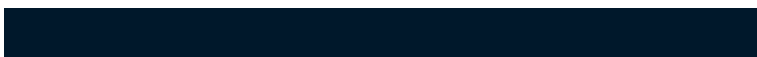
28.9754, 25.7575, 67.0628



12.3102, 13.1439, 15.8257



11.4397, 11.1411, 40.0007



0.7719, 0.8359, 2.4400

Previews

White Background



This preview shows how the XYZ color 44.9526, 42.7128, 25.6138 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 44.9526, 42.7128, 25.6138 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

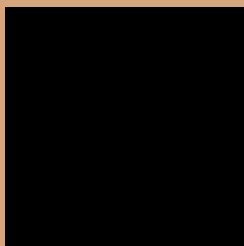
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 44.9526, 42.7128, 25.6138

Background



This preview shows how black text looks on a background with the XYZ color 44.9526, 42.7128, 25.6138.



This preview shows how white text looks on a background with the XYZ color 44.9526, 42.7128,

25.6138.

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

44.9526, 42.7128, 25.6138

Protanopia

40.0983, 42.9630, 27.2984

Deuteranopia

43.7167, 42.8958, 25.3776



Tritanopia

48.6623, 42.6420, 44.1940

Trichromacy



Original Color

44.9526, 42.7128, 25.6138

Protanomaly

41.5513, 42.5811, 26.7979

Deuteranomaly

44.0987, 42.8197, 25.3428

Tritanomaly

47.2765, 42.6080, 36.7428

Monochromacy



Original Color

44.9526, 42.7128, 25.6138

Achromatopsia

40.7470, 42.8690, 46.6844

Achromatomaly

41.6350, 42.3790, 37.8838

CSS Examples

Text

The CSS property to change the color of the text to XYZ 44.9526, 42.7128, 25.6138 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(214, 165, 126) looks like.

```
.text, #text, p{  
    color:rgb(214, 165, 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(214, 165, 126) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(214, 165, 126) }
```

Border

The CSS property to change the border of an element to XYZ 44.9526, 42.7128, 25.6138 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(214, 165, 126) }
```


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

```
.border{ border-color:rgb(214, 165, 126) }
```

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

Here you see how a box with a 4 pixel `rgb(214, 165, 126)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(214, 165, 126); -webkit-box-  
shadow:4px 4px 4px 4px rgb(214, 165, 126);  
box-shadow:4px 4px 4px 4px rgb(214, 165,  
126) }
```

Background

The CSS property to change the background color of an element to XYZ 44.9526, 42.7128, 25.6138 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(214, 165, 126) }
```

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

```
.background{ background-color: rgb(214,  
165, 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](#).

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