

Converting Colors

XYZ(46.5511, 43.9296, 25.4804)

Have a look what the booklet for
XYZ(46.5511, 43.9296, 25.4804)
contains.

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Color

**XYZ(46.5513, 43.8132,
25.4053)**

Conversions

Conversions Part 1

Format	Color
Hex	DBA67D
RGB	219, 166, 125
RGB Percent	86%, 65%, 49%
CMY	0.1412, 0.3490, 0.5098
CMYK	0.00, 0.24, 0.43, 0.14
HSL	26°, 57%, 67%
HSV	26°, 43%, 86%
XYZ	46.5513, 43.8132, 25.4053
YIQ	177.1730, 44.7490, -1.5150

Conversions

Conversions Part 2

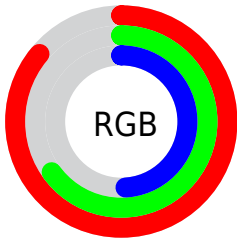
Format	Color
R _Y B	219, 198, 125
Decimal	14395005
CIE Lab	72.10, 14.37, 28.78
CIE LCh	72, 32.164, 63.465
Yxy	43.8132, 0.4021, 0.3785
Android (android.graphics.Color)	4292585085 (0xFFDBA67D)
YUV	177.1730, -25.7213, 36.6823
Hunter-Lab	66.1915, 9.7006, 23.5777

Details

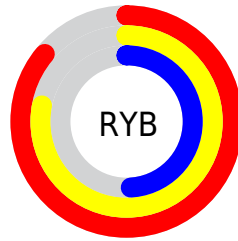
The XYZ color **46.5513, 43.8132, 25.4053** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **37.1633, 41.3135, 73.0333**, and the grayscale version is **41.9963, 44.1834, 48.1157**.

A 20% lighter version of the original color is **75.1323, 76.1873, 52.8652**, and **22.1876, 20.2240, 9.3908** is the 20% darker color. If you saturate the color by 10%, you get **43.1661, 39.0402, 18.1191**, and if you desaturate by 10%, it is **50.4627, 49.1448, 34.3895**.

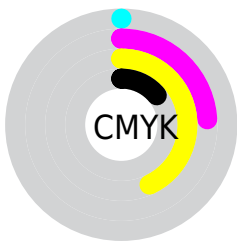
Distribution



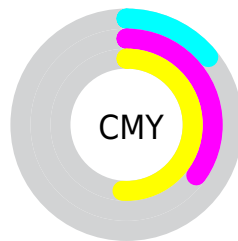
- Red (86%)
- Green (65%)
- Blue (49%)



- Red (86%)
- Yellow (78%)
- Blue (49%)



- Cyan (0%)
- Magenta (24%)
- Yellow (43%)
- Black (14%)





- Cyan (14%)
- Magenta (35%)
- Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 46.5513, 43.8132, 25.4053 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 46.5513, 43.8132, 25.4053 by changing the saturation by 10% instead.


 46.5513, 43.8132,
25.4053

 46.5513, 43.8132,
25.4053


363.6995,
361.9455, 293.3624

 32.8875, 30.5237,
16.1575


 84.2663, 80.9366,
53.2862

 22.1991, 20.2364,
9.4801


 109.0482,
105.5392, 72.7564

 14.1207, 12.5670,
4.9546


 138.2669,
134.6817, 96.4712

 8.2869, 7.1311,
2.1624

172.2878,
168.7484, 124.8491

 4.3324, 3.5442,
0.6525

211.4761,
208.1238, 158.3086

 1.8919, 1.4220,
0.0000

256.1973,

 0.5721, 0.2329,

253.1921, 197.2683

0.0000

306.8166,
304.3379, 242.1467

■ 0.0000, 0.0000,
0.0000

■ 46.5513, 43.8132,
25.4053

■ 46.5513, 43.8132,
25.4053

■ 43.1661, 39.0402,
18.1191

■ 50.4627, 49.1448,
34.3895

■ 40.2771, 34.7992,
12.4184

■ 54.9214, 55.0477,
45.1691

■ 37.8564, 31.0704,
8.1808


■ 59.9513, 61.5420,
57.8372

■ 35.8706, 27.8301,
5.2647


■ 65.5736, 68.6450,
72.4796


■ 34.2810, 25.0515,
3.4995

■ 71.8085, 76.3728,
89.1768

 33.3537, 23.3408,
2.7473

 78.4487, 84.6508,
106.8123

 82.2098, 92.1729,
108.0660

 83.0233, 93.8000,
108.3372

Harmonies

Analogous

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



51.1085, 43.8132, 32.8700



46.5513, 43.8132, 25.4053



41.0069, 43.8132, 23.3997

Triad

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



46.5513, 43.8132, 25.4053



31.9491, 43.8132, 49.5602



47.7546, 43.8132, 77.7134

Complementary

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



46.5513, 43.8132, 25.4053



37.1633, 41.3135, 73.0333

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.



42.2859, 43.8132, 84.7968



46.5513, 43.8132, 25.4053



33.4251, 43.8132, 66.4424

Square

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



46.5513, 43.8132, 25.4053



32.8758, 43.8132, 35.4074



37.0927, 43.8132, 80.2768



51.8451, 43.8132, 62.5640

Rectangle

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



46.5513, 43.8132, 25.4053



37.5703, 43.8132, 24.9572



37.0927, 43.8132, 80.2768



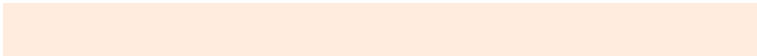
46.0001, 43.8132, 81.2514

Sweetspot

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



46.5524, 43.8153, 25.4062



84.4897, 86.6959, 81.2828



44.6099, 32.9528, 46.2696



17.7314, 18.1047, 16.4975



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.



46.5524, 43.8153, 25.4062



61.1481, 55.4159, 26.0161



56.6423, 63.9951, 28.7695



13.5210, 13.9813, 13.7116



19.8820, 14.0495, 1.6639



1.3728, 1.0796, 0.1360

Inverse Universe

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



37.1633, 41.3135, 73.0333



46.1346, 51.3905, 102.0956



29.3962, 25.7793, 70.4442



12.9447, 13.8292, 16.6392



11.9267, 11.7229, 41.3725



0.8579, 0.9298, 2.7087

Previews

White Background



This preview shows how the XYZ color 46.5513, 43.8132, 25.4053 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 46.5513, 43.8132, 25.4053 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

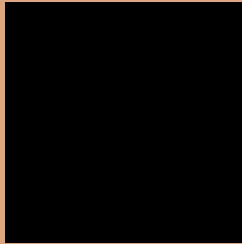
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 46.5513, 43.8132, 25.4053

Background



This preview shows how black text looks on a background with the XYZ color 46.5513, 43.8132, 25.4053.



This preview shows how white text looks on a background with the XYZ color 46.5513, 43.8132,

25.4053.

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

46.5513, 43.8132, 25.4053

Protanopia

40.9866, 44.0031, 27.4523

Deuteranopia

44.8768, 44.0536, 25.2067



Tritanopia

50.4486, 43.8081, 44.8266

Trichromacy



Original Color

46.5513, 43.8132, 25.4053

Protanomaly

42.9272, 43.8632, 26.6260

Deuteranomaly

45.5576, 44.1273, 25.1851

Tritanomaly

48.9609, 43.7368, 36.8719

Monochromacy



Original Color

46.5513, 43.8132, 25.4053

Achromatopsia

41.7894, 43.9657, 47.8787

Achromatomaly

42.8534, 43.5622, 38.4975

CSS Examples

Text

The CSS property to change the color of the text to XYZ 46.5513, 43.8132, 25.4053 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(219, 166, 125)` looks like.

```
.text, #text, p{  
    color:rgb(219, 166, 125)  
}
```

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(219, 166, 125) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(219, 166, 125) }
```

Border

The CSS property to change the border of an element to XYZ 46.5513, 43.8132, 25.4053 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(219, 166, 125) }
```


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

```
.border{ border-color:rgb(219, 166, 125) }
```

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

Here you see how a box with a 4 pixel `rgb(219, 166, 125)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(219, 166, 125); -webkit-box-  
shadow:4px 4px 4px 4px rgb(219, 166, 125);  
box-shadow:4px 4px 4px 4px rgb(219, 166,  
125) }
```

Background

The CSS property to change the background color of an element to XYZ 46.5513, 43.8132, 25.4053 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(219, 166, 125) }
```

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

```
.background{ background-color: rgb(219,  
166, 125) }
```

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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