

Converting Colors

XYZ(46.4987, 42.2521, 25.8340)

Have a look what the booklet for
XYZ(46.4987, 42.2521, 25.8340)
contains.

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Color

**XYZ(46.5258, 42.2035,
25.7726)**

Conversions

Conversions Part 1

Format	Color
Hex	DEA07F
RGB	222, 160, 127
RGB Percent	87%, 63%, 50%
CMY	0.1294, 0.3725, 0.5020
CMYK	0.00, 0.28, 0.43, 0.13
HSL	21°, 59%, 68%
HSV	21°, 43%, 87%
XYZ	46.5258, 42.2035, 25.7726
YIQ	174.7760, 47.5450, 2.8810

Conversions

Conversions Part 2

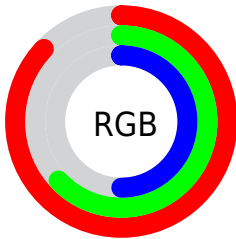
Format	Color
R _Y B	222, 178, 127
Decimal	14590079
CIE Lab	71.01, 19.01, 26.30
CIE LCh	71, 32.450, 54.148
Yxy	42.2035, 0.4063, 0.3686
Android (android.graphics.Color)	4292780159 (0xFFDEA07F)
YUV	174.7760, -23.5536, 41.4154
Hunter-Lab	64.9642, 14.1500, 21.9534

Details

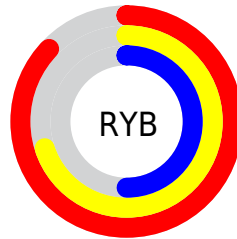
The XYZ color **46.5258, 42.2035, 25.7726** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **40.1341, 46.1794, 75.9055**, and the grayscale version is **40.7333, 42.8547, 46.6687**.

A 20% lighter version of the original color is **73.7787, 73.1562, 53.4120**, and **22.2548, 19.2745, 9.7551** is the 20% darker color. If you saturate the color by 10%, you get **42.8686, 36.9550, 18.1848**, and if you desaturate by 10%, it is **50.7966, 48.1689, 35.1384**.

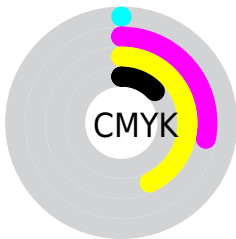
Distribution



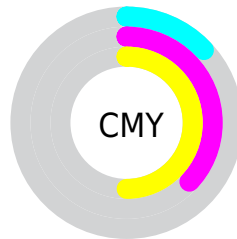
- Red (87%)
- Green (63%)
- Blue (50%)



- Red (87%)
- Yellow (70%)
- Blue (50%)



- Cyan (0%)
- Magenta (28%)
- Yellow (43%)
- Black (13%)





- Cyan (13%)
- Magenta (37%)
- Yellow (50%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 46.5258, 42.2035, 25.7726 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 46.5258, 42.2035, 25.7726 by changing the saturation by 10% instead.


 46.5258, 42.2035,
25.7726

 46.5258, 42.2035,
25.7726


363.5991,
355.3258, 295.2339


 32.8673, 29.2607,
16.4294


 84.2284, 78.5075,
53.8874

 22.1836, 19.2781,
9.6709


 109.0033,
102.6375, 73.4961

 14.1092, 11.8714,
5.0785


 138.2143,
131.2653, 97.3637

 8.2789, 6.6562,
2.2339

172.2268,
164.7754, 125.9087

 4.3272, 3.2480,
0.6938

211.4062,
203.5521, 159.5497

 1.8889, 1.2625,
0.0000

256.1178,

 0.5704, 0.1119,

247.9798, 198.7052

0.0000

306.7270,
298.4429, 243.7937

■ 0.0000, 0.0000,
0.0000

■ 46.5258, 42.2035,
25.7726

■ 46.5258, 42.2035,
25.7726

■ 42.8686, 36.9550,
18.1848

■ 50.7966, 48.1689,
35.1384

■ 39.7907, 32.3890,
12.2577

■ 55.7066, 54.8719,
46.3843

■ 37.2587, 28.4766,
7.8636


■ 61.2836, 62.3398,
59.6074


■ 35.2342, 25.1847,
4.8549


■ 67.5529, 70.5966,
74.8974

■ 33.6722, 22.4759,
3.0538

■ 74.5383, 79.6653,
92.3384

 32.7870, 20.8551,
2.2974

 81.4134, 89.2281,
107.5395

 83.9342, 94.2696,
108.3798

Harmonies

Analogous

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



50.3841, 42.2035, 34.8011



46.5258, 42.2035, 25.7726



41.1842, 42.2035, 22.2135

Triad

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



46.5258, 42.2035, 25.7726



30.6212, 42.2035, 42.9785



44.5252, 42.2035, 78.8868

Complementary

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



46.5258, 42.2035, 25.7726



40.1341, 46.1794, 75.9055

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.



39.0608, 42.2035, 82.4577



46.5258, 42.2035, 25.7726



31.3425, 42.2035, 59.2627

Square

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



46.5258, 42.2035, 25.7726



32.2518, 42.2035, 30.6064



34.3186, 42.2035, 74.6074



49.1582, 42.2035, 65.7239

Rectangle

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



46.5258, 42.2035, 25.7726



37.6216, 42.2035, 22.6781



34.3186, 42.2035, 74.6074



42.7123, 42.2035, 81.3565

Sweetspot

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



46.5269, 42.2055, 25.7734



83.6476, 85.0117, 81.0021



47.0446, 34.4410, 53.0750



17.5246, 17.6911, 16.4286



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.



46.5269, 42.2055, 25.7734



59.3379, 51.5383, 26.2057



56.0666, 61.2850, 28.9533



14.0947, 14.4754, 14.3579



19.5688, 12.5755, 1.3959



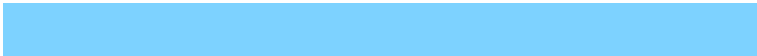
1.4381, 1.0351, 0.1240

Inverse Universe

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



40.1341, 46.1794, 75.9055



49.5019, 57.5797, 103.1127



31.7351, 29.3814, 73.1058



13.6948, 14.7288, 17.5088



13.9419, 15.3534, 43.2771



1.0491, 1.2297, 3.0273

Previews

White Background



This preview shows how the XYZ color 46.5258, 42.2035, 25.7726 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 46.5258, 42.2035, 25.7726 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

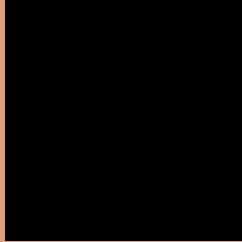
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 46.5258, 42.2035, 25.7726

Background



This preview shows how black text looks on a background with the XYZ color 46.5258, 42.2035, 25.7726.



This preview shows how white text looks on a background with the XYZ color 46.5258, 42.2035,

25.7726.

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

46.5258, 42.2035, 25.7726

Protanopia

39.6194, 42.4047, 28.2871

Deuteranopia

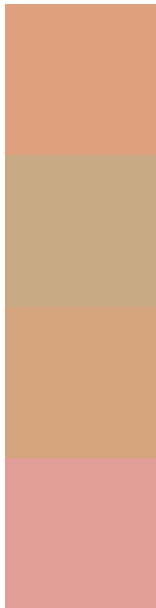
43.3167, 42.4092, 25.6414



Tritanopia

49.9683, 42.3646, 41.6200

Trichromacy



Original Color

46.5258, 42.2035, 25.7726

Protanomaly

41.8379, 42.1567, 27.4047

Deuteranomaly

44.1927, 42.0543, 25.5268

Tritanomaly

48.7758, 42.3885, 35.3168

Monochromacy



Original Color

46.5258, 42.2035, 25.7726

Achromatopsia

40.7470, 42.8690, 46.6844

Achromatomaly

42.2845, 42.4245, 38.3079

CSS Examples

Text

The CSS property to change the color of the text to XYZ 46.5258, 42.2035, 25.7726 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(222, 160, 127)` looks like.

```
.text, #text, p{  
    color:rgb(222, 160, 127)  
}
```

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(222, 160, 127) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(222, 160, 127) }
```

Border

The CSS property to change the border of an element to XYZ 46.5258, 42.2035, 25.7726 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(222, 160, 127) }
```


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

```
.border{ border-color:rgb(222, 160, 127) }
```

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

Here you see how a box with a 4 pixel rgb(222, 160, 127) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(222, 160, 127); -webkit-box-  
shadow:4px 4px 4px 4px rgb(222, 160, 127);  
box-shadow:4px 4px 4px 4px rgb(222, 160,  
127) }
```

Background

The CSS property to change the background color of an element to XYZ 46.5258, 42.2035, 25.7726 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(222, 160, 127) }
```

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

```
.background{ background-color: rgb(222,  
160, 127) }
```

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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