

Converting Colors

XYZ(45.3932, 46.1046, 25.9006)

Have a look what the booklet for
XYZ(45.3932, 46.1046, 25.9006)
contains.

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Color

**XYZ(45.2394, 45.9412,
25.8852)**

Conversions

Conversions Part 1

Format	Color
Hex	D0B07D
RGB	208, 176, 125
RGB Percent	82%, 69%, 49%
CMY	0.1843, 0.3098, 0.5098
CMYK	0.00, 0.15, 0.40, 0.18
HSL	37°, 47%, 65%
HSV	37°, 40%, 82%
XYZ	45.2394, 45.9412, 25.8852
YIQ	179.7540, 35.4430, -9.0770

Conversions

Conversions Part 2

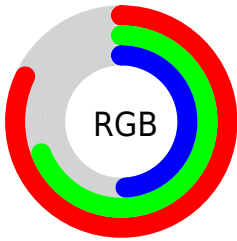
Format	Color
RYB	177, 208, 125
Decimal	13676669
CIELab	73.51, 4.58, 30.43
CIELCh	74, 30.769, 81.439
Yxy	45.9412, 0.3864, 0.3924
Android (android.graphics.Color)	4291866749 (0xFFD0B07D)
YUV	179.7540, -26.9937, 24.7717
Hunter-Lab	67.7799, 0.5241, 24.8031

Details

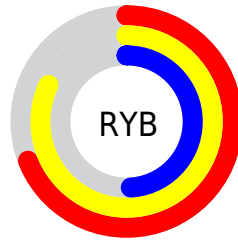
The XYZ color **45.2394, 45.9412, 25.8852** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **31.8992, 33.0268, 64.3680**, and the grayscale version is **43.3783, 45.6373, 49.6990**.

A 20% lighter version of the original color is **78.1325, 82.1876, 53.8652**, and **21.4265, 21.5987, 9.6963** is the 20% darker color. If you saturate the color by 10%, you get **42.5216, 42.4140, 19.0961**, and if you desaturate by 10%, it is **48.3306, 49.7697, 34.1726**.

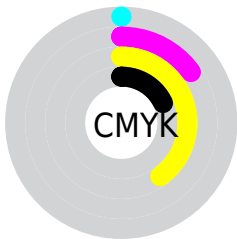
Distribution



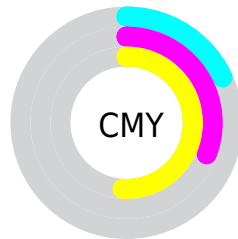
- Red (82%)
- Green (69%)
- Blue (49%)



- Red (69%)
- Yellow (82%)
- Blue (49%)



- Cyan (0%)
- Magenta (15%)
- Yellow (40%)
- Black (18%)





- Cyan (18%)
- Magenta (31%)
- Yellow (51%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 45.2394, 45.9412, 25.8852 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 45.2394, 45.9412, 25.8852 by changing the saturation by 10% instead.

 45.2394, 45.9412,
25.8852

 45.2394, 45.9412,
25.8852


358.5097,
370.5722, 295.8056

 31.8481, 32.1994,
16.5128


 82.3144, 84.1310,
54.0715

 21.4005, 21.5139,
9.7295


 106.7288,
109.3478, 73.7225

 13.5312, 13.5001,
5.1167


 135.5483,
139.1584, 97.6367

 7.8748, 7.7738,
2.2560

169.1383,
173.9472, 126.2327

 4.0661, 3.9506,
0.7064

207.8640,
214.0986, 159.9291

 1.7396, 1.6460,
0.0000

252.0910,

 0.4809, 0.3883,

259.9969, 199.1443

0.0000

302.1844,
312.0267, 244.2970

■ 0.0000, 0.0000,
0.0000

■ 45.2394, 45.9412,
25.8852

■ 45.2394, 45.9412,
25.8852

■ 42.5216, 42.4140,
19.0961

■ 48.3306, 49.7697,
34.1726

■ 40.1547, 39.1716,
13.7097

■ 51.8094, 53.9027,
44.0401

■ 38.1188, 36.2049,
9.6237


■ 55.6932, 58.3511,
55.5670


■ 36.3899, 33.5019,
6.7205


■ 59.9972, 63.1235,
68.8265


■ 34.9399, 31.0484,
4.8610

■ 64.7359, 68.2279,
83.8873


 33.7192, 28.8218,
3.7918

 69.9229, 73.6721,
100.8143

 33.7080, 28.8010,
3.7826

 72.9562, 78.4174,
105.8986

 75.2667, 83.0384,
106.6688

 77.6815, 87.8681,
107.4737

Harmonies

Analogous

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



50.5071, 45.9412, 30.0840



45.2394, 45.9412, 25.8852



39.9573, 45.9412, 27.0210

Triad

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



45.2394, 45.9412, 25.8852



34.6454, 45.9412, 61.7749



52.3550, 45.9412, 71.0867

Complementary

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



45.2394, 45.9412, 25.8852



31.8992, 33.0268, 64.3680

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.



47.5968, 45.9412, 83.3603



45.2394, 45.9412, 25.8852



37.4719, 45.9412, 77.2554

Square

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



45.2394, 45.9412, 25.8852



34.1282, 45.9412, 45.6992



42.1290, 45.9412, 85.8257



54.8328, 45.9412, 54.6094

Rectangle

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



45.2394, 45.9412, 25.8852



37.1100, 45.9412, 30.7777



42.1290, 45.9412, 85.8257



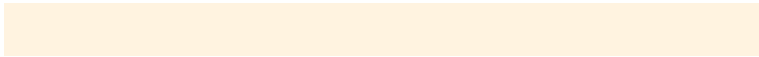
50.9514, 45.9412, 75.9716

Sweetspot

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



45.2405, 45.9433, 25.8861



86.8606, 90.8870, 83.7707



39.5351, 30.5531, 36.2521



18.4137, 19.2510, 17.3975



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.



45.2405, 45.9433, 25.8861



67.9572, 67.9648, 31.5825



49.9970, 58.8305, 28.1229



12.4048, 13.0003, 12.4675



21.1048, 18.1426, 2.3895



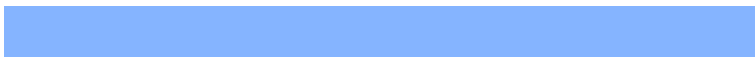
1.2557, 1.1657, 0.1588

Inverse Universe

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



31.8992, 33.0268, 64.3680



43.9374, 44.7292, 100.9256



28.4395, 24.2329, 62.8529



11.5320, 12.1542, 14.9819



8.9791, 6.6049, 37.9941



0.5780, 0.5213, 2.1497

Previews

White Background



This preview shows how the XYZ color 45.2394, 45.9412, 25.8852 looks on a white background.

Color Contrast Check

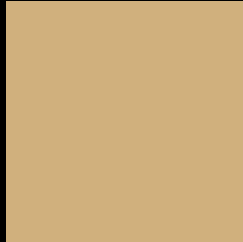
Large Text (above 18pt) WCAG AA × Fail

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 45.2394, 45.9412, 25.8852 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

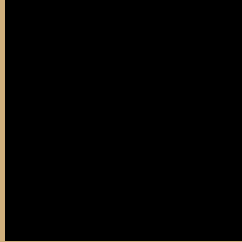
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 45.2394, 45.9412, 25.8852

Background



This preview shows how black text looks on a background with the XYZ color 45.2394, 45.9412, 25.8852.



This preview shows how white text looks on a background with the XYZ color 45.2394, 45.9412,

25.8852.

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

45.2394, 45.9412, 25.8852

Protanopia

42.8603, 46.1822, 26.7337

Deuteranopia

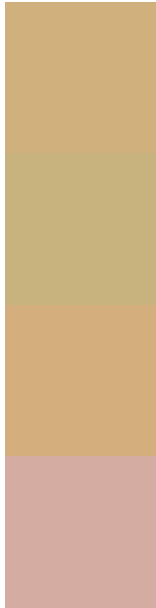
47.0284, 45.9924, 26.1374



Tritanopia

50.3630, 46.0495, 50.4900

Trichromacy



Original Color

45.2394, 45.9412, 25.8852

Protanomaly

43.7054, 46.0259, 26.3190

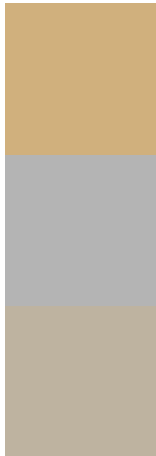
Deuteranomaly

46.3425, 45.9246, 26.1605

Tritanomaly

48.3369, 46.0753, 40.0640

Monochromacy



Original Color

45.2394, 45.9412, 25.8852

Achromatopsia

43.3819, 45.6411, 49.7032

Achromatomaly

43.7005, 45.7254, 39.7803

CSS Examples

Text

The CSS property to change the color of the text to XYZ 45.2394, 45.9412, 25.8852 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(208, 176, 125)` looks like.

```
.text, #text, p{  
    color:rgb(208, 176, 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(208, 176, 125) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(208, 176, 125) }
```

Border

The CSS property to change the border of an element to XYZ 45.2394, 45.9412, 25.8852 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(208, 176, 125) }
```


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

```
.border{ border-color:rgb(208, 176, 125) }
```

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

Here you see how a box with a 4 pixel `rgb(208, 176, 125)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(208, 176, 125); -webkit-box-  
shadow:4px 4px 4px 4px rgb(208, 176, 125);  
box-shadow:4px 4px 4px 4px rgb(208, 176,  
125) }
```

Background

The CSS property to change the background color of an element to XYZ 45.2394, 45.9412, 25.8852 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(208, 176, 125) }
```

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

```
.background{ background-color: rgb(208,  
176, 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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