

Converting Colors

XYZ(45.8556, 43.1597, 26.1643)

Have a look what the booklet for
XYZ(45.8556, 43.1597, 26.1643)
contains.

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Color

**XYZ(45.9667, 43.2205,
26.3418)**

Conversions

Conversions Part 1

Format	Color
Hex	D9A580
RGB	217, 165, 128
RGB Percent	85%, 65%, 50%
CMY	0.1490, 0.3529, 0.4980
CMYK	0.00, 0.24, 0.41, 0.15
HSL	25°, 54%, 68%
HSV	25°, 41%, 85%
XYZ	45.9667, 43.2205, 26.3418
YIQ	176.3300, 42.8690, -0.4830

Conversions

Conversions Part 2

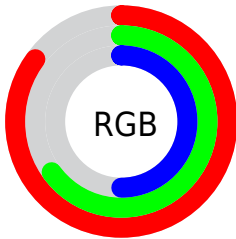
Format	Color
RYB	217, 191, 128
Decimal	14263680
CIELab	71.70, 14.43, 26.59
CIELCh	72, 30.257, 61.511
Yxy	43.2205, 0.3979, 0.3741
Android (android.graphics.Color)	4292453760 (0xFFD9A580)
YUV	176.3300, -23.8267, 35.6676
Hunter-Lab	65.7423, 9.7573, 22.2631

Details

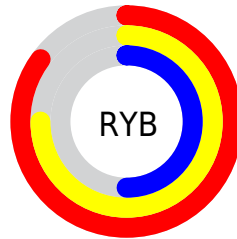
The XYZ color **45.9667, 43.2205, 26.3418** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **37.7471, 42.2399, 71.8092**, and the grayscale version is **41.5449, 43.7085, 47.5985**.

A 20% lighter version of the original color is **75.1737, 75.7826, 54.3815**, and **21.7775, 19.8339, 9.8883** is the 20% darker color. If you saturate the color by 10%, you get **42.5141, 38.3617, 18.8819**, and if you desaturate by 10%, it is **49.9537, 48.6589, 35.4876**.

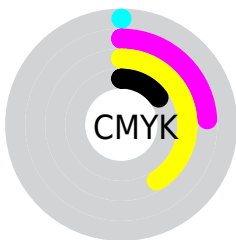
Distribution



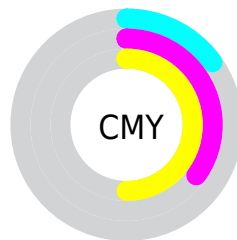
- Red (85%)
- Green (65%)
- Blue (50%)



- Red (85%)
- Yellow (75%)
- Blue (50%)



- Cyan (0%)
- Magenta (24%)
- Yellow (41%)
- Black (15%)



- Cyan (15%)
- Magenta (35%)
- Yellow (50%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 45.9667, 43.2205, 26.3418 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 45.9667, 43.2205, 26.3418 by changing the saturation by 10% instead.


 45.9667, 43.2205,
26.3418


 45.9667, 43.2205,
26.3418


361.3929,
359.5178, 298.1146

 32.4241, 30.0582,
16.8515


 83.3973, 80.0435,
54.8167

 21.8427, 19.8827,
9.9678


 108.0160,
104.4729, 74.6383

 13.8573, 12.3098,
5.2723


 137.0574,
133.4269, 98.7408

 8.1025, 6.9551,
2.3464

170.8870,
167.2897, 127.5426

 4.2130, 3.4340,
0.7570

209.8699,
206.4458, 161.4624

 1.8233, 1.3623,
0.0000

254.3716,

 0.5317, 0.1887,

251.2796, 200.9186

0.0000

304.7575,
302.1755, 246.3299

■ 0.0000, 0.0000,
0.0000

■ 45.9667, 43.2205,
26.3418

■ 45.9667, 43.2205,
26.3418

■ 42.5141, 38.3617,
18.8819

■ 49.9537, 48.6589,
35.4876

■ 39.5663, 34.0555,
12.9996

■ 54.4959, 54.6906,
46.4132

■ 37.0956, 30.2813,
8.5780


■ 59.6172, 61.3364,
59.2085


■ 35.0697, 27.0147,
5.4823


■ 65.3386, 68.6139,
73.9565


■ 33.4511, 24.2283,
3.5523

■ 71.6802, 76.5404,
90.7353

 32.2904, 22.1020,
2.5642

 78.1414, 84.9241,
106.8812

 82.0272, 92.6955,
108.1765

 82.4252, 93.4917,
108.3092

Harmonies

Analogous

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



50.0760, 43.2205, 33.7854



45.9667, 43.2205, 26.3418



40.8203, 43.2205, 24.0923

Triad

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



45.9667, 43.2205, 26.3418



31.9873, 43.2205, 47.8085



46.4539, 43.2205, 75.4855

Complementary

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



45.9667, 43.2205, 26.3418



37.7471, 42.2399, 71.8092

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.



41.3404, 43.2205, 81.3245



45.9667, 43.2205, 26.3418



33.2312, 43.2205, 63.4224

Square

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



45.9667, 43.2205, 26.3418



33.0060, 43.2205, 34.8302



36.5521, 43.2205, 76.5107



50.3733, 43.2205, 61.8615

Rectangle

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



45.9667, 43.2205, 26.3418



37.5681, 43.2205, 25.3670



36.5521, 43.2205, 76.5107



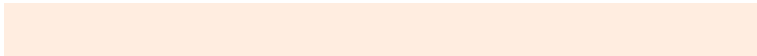
44.8038, 43.2205, 78.5376

Sweetspot

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



45.9678, 43.2226, 26.3427



85.0687, 87.3032, 83.1734



44.7163, 33.5431, 48.0496



17.9922, 18.4080, 17.2569



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.



45.9678, 43.2226, 26.3427



62.0010, 56.3298, 28.7416



55.0919, 61.4708, 29.3840



13.4986, 13.9365, 13.7041



19.6458, 13.5772, 1.5852



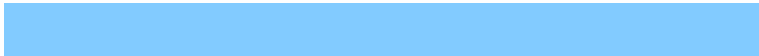
1.3565, 1.0471, 0.1306

Inverse Universe

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



37.7471, 42.2399, 71.8092



48.6308, 54.7043, 102.6036



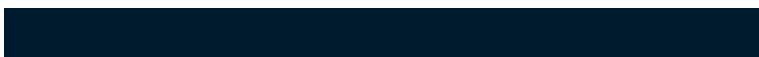
30.3584, 27.4624, 69.3463



12.9675, 13.8748, 16.6468



12.2648, 12.3990, 41.4852



0.8789, 0.9719, 2.7157

Previews

White Background



This preview shows how the XYZ color 45.9667, 43.2205, 26.3418 looks on a white background.

Color Contrast Check

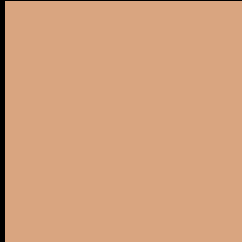
Large Text (above 18pt) WCAG AA × Fail

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 45.9667, 43.2205, 26.3418 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

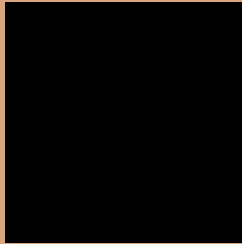
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 45.9667, 43.2205, 26.3418

Background



This preview shows how black text looks on a background with the XYZ color 45.9667, 43.2205, 26.3418.



This preview shows how white text looks on a background with the XYZ color 45.9667, 43.2205,

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

45.9667, 43.2205, 26.3418

Protanopia

40.4980, 43.4355, 28.4397

Deuteranopia

44.3132, 43.4635, 26.1324



Tritanopia

49.5676, 43.1087, 44.2364

Trichromacy



Original Color

45.9667, 43.2205, 26.3418

Protanomaly

42.4024, 43.2859, 27.5929

Deuteranomaly

44.9848, 43.5346, 26.1107

Tritanomaly

48.1765, 43.0719, 36.7849

Monochromacy



Original Color

45.9667, 43.2205, 26.3418

Achromatopsia

41.2663, 43.4154, 47.2793

Achromatomaly

42.4964, 43.0846, 38.8772

CSS Examples

Text

The CSS property to change the color of the text to XYZ 45.9667, 43.2205, 26.3418 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(217, 165, 128)` looks like.

```
.text, #text, p{  
    color:rgb(217, 165, 128)  
}
```

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(217, 165, 128) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(217, 165, 128) }
```

Border

The CSS property to change the border of an element to XYZ 45.9667, 43.2205, 26.3418 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(217, 165, 128) }
```


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

```
.border{ border-color:rgb(217, 165, 128) }
```

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

Here you see how a box with a 4 pixel `rgb(217, 165, 128)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(217, 165, 128); -webkit-box-  
shadow:4px 4px 4px 4px rgb(217, 165, 128);  
box-shadow:4px 4px 4px 4px rgb(217, 165,  
128) }
```

Background

The CSS property to change the background color of an element to XYZ 45.9667, 43.2205, 26.3418 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(217, 165, 128) }
```

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

```
.background{ background-color: rgb(217,  
165, 128) }
```

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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