

Converting Colors

XYZ(45.5430, 45.8235, 26.7119)

Have a look what the booklet for
XYZ(45.5430, 45.8235, 26.7119)
contains.

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Color

**XYZ(45.5207, 45.7738,
26.8581)**

Conversions

Conversions Part 1

Format	Color
Hex	D1AF80
RGB	209, 175, 128
RGB Percent	82%, 69%, 50%
CMY	0.1804, 0.3137, 0.4980
CMYK	0.00, 0.16, 0.39, 0.18
HSL	35°, 47%, 66%
HSV	35°, 39%, 82%
XYZ	45.5207, 45.7738, 26.8581
YIQ	179.8080, 35.3510, -7.4090

Conversions

Conversions Part 2

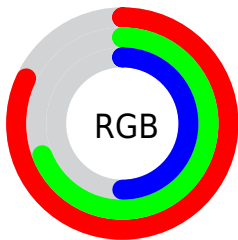
Format	Color
RYB	187, 209, 128
Decimal	13741952
CIELab	73.40, 5.86, 28.71
CIELCh	73, 29.297, 78.468
Yxy	45.7738, 0.3853, 0.3874
Android (android.graphics.Color)	4291932032 (0xFFD1AF80)
YUV	179.8080, -25.5413, 25.6014
Hunter-Lab	67.6563, 1.7002, 23.8226

Details

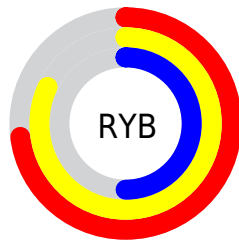
The XYZ color **45.5207, 45.7738, 26.8581** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **33.3305, 35.0319, 65.3265**, and the grayscale version is **43.3998, 45.6600, 49.7237**.

A 20% lighter version of the original color is **77.8773, 81.1898, 55.2827**, and **21.5950, 21.4883, 10.2172** is the 20% darker color. If you saturate the color by 10%, you get **42.6324, 41.9766, 19.7933**, and if you desaturate by 10%, it is **48.8056, 49.9105, 35.4540**.

Distribution



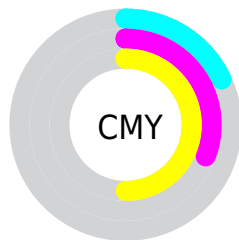
- Red (82%)
- Green (69%)
- Blue (50%)



- Red (73%)
- Yellow (82%)
- Blue (50%)



- Cyan (0%)
- Magenta (16%)
- Yellow (39%)
- Black (18%)



- Cyan (18%)
- Magenta (31%)
- Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 45.5207, 45.7738, 26.8581 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 45.5207, 45.7738, 26.8581 by changing the saturation by 10% instead.

■ 45.5207, 45.7738,
26.8581

■ 45.5207, 45.7738,
26.8581

359.6267,
369.8985, 300.7078

■ 32.0708, 32.0674,
17.2352

■ 82.7335, 83.8804,
55.6570

■ 21.5714, 21.4130,
10.2386

■ 107.2271,
109.0493, 75.6702

■ 13.6571, 13.4262,
5.4498

■ 136.1326,
138.8078, 99.9838

■ 7.9627, 7.7227,
2.4502

169.8154,
173.5404, 129.0164

■ 4.1227, 3.9180,
0.8136

208.6409,
213.6313, 163.1865

■ 1.7718, 1.6278,
0.0000

252.9743,

■ 0.5006, 0.3762,

259.4650, 202.9128

0.0000

303.1811,
311.4260, 248.6137

■ 0.0000, 0.0000,
0.0000

■ 45.5207, 45.7738,
26.8581

■ 45.5207, 45.7738,
26.8581

■ 42.6324, 41.9766,
19.7933

■ 48.8056, 49.9105,
35.4540

■ 40.1176, 38.5012,
14.1638

■ 52.5017, 54.3907,
45.6632

■ 37.9559, 35.3377,
9.8673

■ 56.6269, 59.2264,
57.5655

■ 36.1229, 32.4728,
6.7867

■ 61.1971, 64.4271,
71.2344

■ 34.5903, 29.8916,
4.7838

■ 66.2271, 70.0016,
86.7391

■ 33.3145, 27.5727,
3.6409

■ 71.7311, 75.9587,
104.1450

■ 33.1664, 27.2993,
3.5212

■ 74.4569, 81.0003,
106.3181

■ 77.0506, 86.1876,
107.1826

■ 79.7701, 91.6266,
108.0891

Harmonies

Analogous

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



50.4233, 45.7738, 31.4490



45.5207, 45.7738, 26.8581



40.4383, 45.7738, 27.4517

Triad

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



45.5207, 45.7738, 26.8581



34.7569, 45.7738, 59.3954



51.3658, 45.7738, 71.1574

Complementary

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



45.5207, 45.7738, 26.8581



33.3305, 35.0319, 65.3265

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.



46.7264, 45.7738, 81.9473



45.5207, 45.7738, 26.8581



37.2533, 45.7738, 74.2849

Square

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



45.5207, 45.7738, 26.8581



34.4900, 45.7738, 44.3717



41.5529, 45.7738, 83.1933



53.9718, 45.7738, 55.7399

Rectangle

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



45.5207, 45.7738, 26.8581



37.6209, 45.7738, 30.7359



41.5529, 45.7738, 83.1933



49.9762, 45.7738, 75.5665

Sweetspot

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



45.5219, 45.7759, 26.8590



86.5479, 90.2616, 83.6664



40.6337, 31.6420, 38.6636



18.3400, 19.1037, 17.3729



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.



45.5219, 45.7759, 26.8590



67.3834, 66.5328, 32.2677



51.4890, 59.9402, 29.2785



12.3704, 12.9314, 12.4561



20.5489, 17.0308, 2.2042



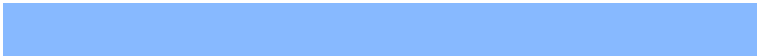
1.2265, 1.1073, 0.1491

Inverse Universe

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



33.3305, 35.0319, 65.3265



45.5091, 47.2698, 101.3331



28.9644, 25.0615, 63.6321



11.5656, 12.2214, 14.9931



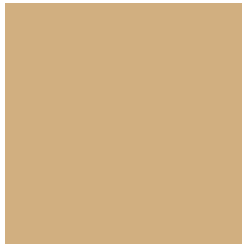
9.3259, 7.2984, 38.1097



0.5991, 0.5634, 2.1567

Previews

White Background



This preview shows how the XYZ color 45.5207, 45.7738, 26.8581 looks on a white background.

Color Contrast Check

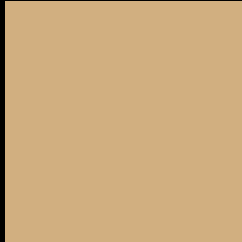
Large Text (above 18pt) WCAG AA × Fail

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 45.5207, 45.7738, 26.8581 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 45.5207, 45.7738, 26.8581

Background



This preview shows how black text looks on a background with the XYZ color 45.5207, 45.7738, 26.8581.



This preview shows how white text looks on a background with the XYZ color 45.5207, 45.7738,

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

45.5207, 45.7738, 26.8581

Protanopia

42.5987, 45.7236, 27.6994

Deuteranopia

46.5714, 45.7418, 26.7965



Tritanopia

50.0747, 45.6376, 49.8858

Trichromacy



Original Color

45.5207, 45.7738, 26.8581

Protanomaly

43.4360, 45.5679, 27.2750

Deuteranomaly

46.1837, 45.8277, 26.8336

Tritanomaly

48.2359, 45.7315, 40.4672

Monochromacy



Original Color

45.5207, 45.7738, 26.8581

Achromatopsia

43.3819, 45.6411, 49.7032

Achromatomaly

43.8393, 45.4904, 40.1882

CSS Examples

Text

The CSS property to change the color of the text to XYZ 45.5207, 45.7738, 26.8581 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(209, 175, 128)` looks like.

```
.text, #text, p{  
    color:rgb(209, 175, 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(209, 175, 128) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(209, 175, 128) }
```

Border

The CSS property to change the border of an element to XYZ 45.5207, 45.7738, 26.8581 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(209, 175, 128) }
```


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

```
.border{ border-color:rgb(209, 175, 128) }
```

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

Here you see how a box with a 4 pixel `rgb(209, 175, 128)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(209, 175, 128); -webkit-box-  
shadow:4px 4px 4px 4px rgb(209, 175, 128);  
box-shadow:4px 4px 4px 4px rgb(209, 175,  
128) }
```

Background

The CSS property to change the background color of an element to XYZ 45.5207, 45.7738, 26.8581 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(209, 175, 128) }
```

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

```
.background{ background-color: rgb(209,  
175, 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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