

Converting Colors

XYZ(45.6530, 41.3255, 42.5752)

Have a look what the booklet for
XYZ(45.6530, 41.3255, 42.5752)
contains.

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Color

**XYZ(45.6511, 41.3787,
42.6266)**

Conversions

Conversions Part 1

Format	Color
Hex	D0A0A8
RGB	208, 160, 168
RGB Percent	82%, 63%, 66%
CMY	0.1843, 0.3725, 0.3412
CMYK	0.00, 0.23, 0.19, 0.18
HSL	350°, 34%, 72%
HSV	350°, 23%, 82%
XYZ	45.6511, 41.3787, 42.6266
YIQ	175.2640, 26.0400, 12.6640

Conversions

Conversions Part 2

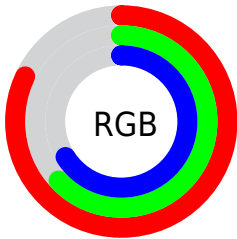
Format	Color
R _Y B	208, 160, 168
Decimal	13672616
CIE Lab	70.44, 18.98, 2.73
CIE LCh	70, 19.175, 8.175
Yxy	41.3787, 0.3521, 0.3191
Android (android.graphics.Color)	4291862696 (0xFFD0A0A8)
YUV	175.2640, -3.5812, 28.7095
Hunter-Lab	64.3263, 14.1070, 5.7391

Details

The XYZ color **45.6511, 41.3787, 42.6266** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **47.4801, 56.7564, 63.0990**, and the grayscale version is **40.8938, 43.0234, 46.8525**.

A 20% lighter version of the original color is **78.8597, 75.1886, 80.1685**, and **21.6518, 18.7584, 19.0026** is the 20% darker color. If you saturate the color by 10%, you get **40.8337, 34.1582, 33.5773**, and if you desaturate by 10%, it is **51.2893, 49.8956, 53.0127**.

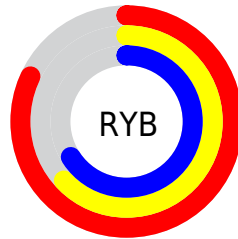
Distribution



Red (82%)

Green (63%)

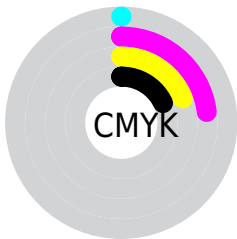
Blue (66%)



Red (82%)

Yellow (63%)

Blue (66%)

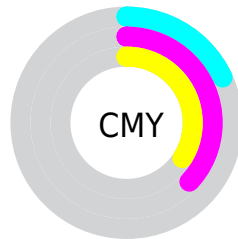


Cyan (0%)

Magenta (23%)

Yellow (19%)

Black (18%)



Cyan (18%)


Magenta (37%)


Yellow (34%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 45.6511, 41.3787, 42.6266 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 45.6511, 41.3787, 42.6266 by changing the saturation by 10% instead.


 45.6511, 41.3787,
42.6266


 45.6511, 41.3787,
42.6266


360.1437,
351.9009, 372.9499

 32.1740, 28.6151,
29.2630


 82.9277, 77.2584,
80.4274

 21.6507, 18.7899,
19.0326


 107.4579,
101.1434, 105.7017

 13.7156, 11.5185,
11.5168


136.4032,
129.5042, 135.7833

 8.0035, 6.4167,
6.2970

170.1290,
162.7254, 171.0907

 4.1490, 3.1001,
2.9548

209.0005,
201.1912, 212.0426

 1.7868, 1.1842,
1.0716

253.3833,

 0.5097, 0.0488,

245.2862, 259.0574

0.0000

303.6425,
295.3946, 312.5536

■ 0.0000, 0.0000,
0.0000

■ 45.6511, 41.3787,
42.6266

■ 45.6511, 41.3787,
42.6266

■ 40.8337, 34.1582,
33.5773

■ 51.2893, 49.8956,
53.0127

■ 36.7954, 28.1651,
25.8076

■ 57.7809, 59.7622,
64.7843

■ 33.4956, 23.3325,
19.2602

■ 65.1606, 71.0357,
77.9910

■ 30.8888, 19.5849,
13.8720

■ 73.4605, 83.7685,
92.6789

■ 28.9245, 16.8378,
9.5746

■ 79.7703, 92.1291,
107.9122

■ 27.5448, 14.9942,
6.2917

■ 79.8225, 92.1500,
108.1874

■ 26.6813, 13.9375,
3.9372

■ 26.3108, 13.5293,
2.7878

Harmonies

Analogous

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



45.2398, 41.3787, 51.8339



45.6511, 41.3787, 42.6266



44.2985, 41.3787, 35.1382

Triad

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



45.6511, 41.3787, 42.6266



35.6943, 41.3787, 32.7194



37.1146, 41.3787, 63.2031

Complementary

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



45.6511, 41.3787, 42.6266



47.4801, 56.7564, 63.0990

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.



34.7462, 41.3787, 56.6800



45.6511, 41.3787, 42.6266



33.9573, 41.3787, 38.8933

Square

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



45.6511, 41.3787, 42.6266



38.4721, 41.3787, 29.9399



33.6197, 41.3787, 47.5726



40.1990, 41.3787, 64.5533

Rectangle

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



45.6511, 41.3787, 42.6266



42.6190, 41.3787, 31.8349



33.6197, 41.3787, 47.5726



36.2133, 41.3787, 61.5044

Sweetspot

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



45.6522, 41.3806, 42.6275



87.3142, 88.2139, 94.9595



47.7767, 41.9771, 65.2591



18.5531, 18.6750, 20.0793



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.



45.6522, 41.3806, 42.6275



68.2039, 59.3376, 59.7823



47.8842, 47.0003, 39.8083



11.8879, 11.8399, 12.6857



16.4225, 8.4418, 1.8649



0.9437, 0.4822, 0.2385

Inverse Universe

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



45.6522, 41.3806, 42.6275



68.2039, 59.3376, 59.7823



44.7336, 49.7284, 66.9156



11.8879, 11.8399, 12.6857



16.4225, 8.4418, 1.8649



0.9437, 0.4822, 0.2385

Previews

White Background



This preview shows how the XYZ color 45.6511, 41.3787, 42.6266 looks on a white background.

Color Contrast Check

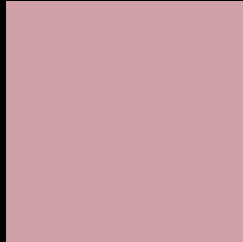
Large Text (above 18pt) WCAG AA × Fail

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 45.6511, 41.3787, 42.6266 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 45.6511, 41.3787, 42.6266

Background



This preview shows how black text looks on a background with the XYZ color 45.6511, 41.3787, 42.6266.



This preview shows how white text looks on a background with the XYZ color 45.6511, 41.3787,

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

45.6511, 41.3787, 42.6266

Protanopia

40.1696, 41.7142, 46.4919

Deuteranopia

42.2796, 41.5038, 42.3419



Tritanopia

45.8570, 41.1847, 44.5622

Trichromacy



Original Color

45.6511, 41.3787, 42.6266

Protanomaly

41.9425, 41.5486, 44.8388

Deuteranomaly

43.2765, 41.2113, 42.2329

Tritanomaly

45.7612, 41.1464, 44.0583

Monochromacy



Original Color

45.6511, 41.3787, 42.6266

Achromatopsia

40.7470, 42.8690, 46.6844

Achromatomaly

42.3146, 42.2928, 44.9628

CSS Examples

Text

The CSS property to change the color of the text to XYZ 45.6511, 41.3787, 42.6266 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, 160, 168)` looks like.

```
.text, #text, p{  
    color:rgb(208, 160, 168)  
}
```

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, 160, 168) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(208, 160, 168) }
```

Border

The CSS property to change the border of an element to XYZ 45.6511, 41.3787, 42.6266 is called "border". The border property can be set on classes, ids or directly on the HTML element.

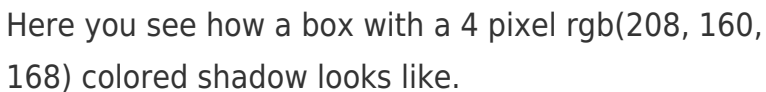
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(208, 160, 168) }
```


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

```
.border{ border-color:rgb(208, 160, 168) }
```

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



Here you see how a box with a 4 pixel `rgb(208, 160, 168)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(208, 160, 168); -webkit-box-shadow:4px 4px 4px 4px rgb(208, 160, 168); box-shadow:4px 4px 4px 4px rgb(208, 160, 168) }
```

Background

The CSS property to change the background color of an element to XYZ 45.6511, 41.3787, 42.6266 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(208, 160, 168) }
```

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

```
.background{ background-color: rgb(208,  
160, 168) }
```

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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