

Converting Colors

XYZ(45.4900, 41.5219, 39.9893)

Have a look what the booklet for
XYZ(45.4900, 41.5219, 39.9893)
contains.

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Color

**XYZ(45.5610, 41.6537,
39.8211)**

Conversions

Conversions Part 1

Format	Color
Hex	D1A1A2
RGB	209, 161, 162
RGB Percent	82%, 63%, 64%
CMY	0.1804, 0.3686, 0.3647
CMYK	0.00, 0.23, 0.22, 0.18
HSL	359°, 34%, 73%
HSV	359°, 23%, 82%
XYZ	45.5610, 41.6537, 39.8211
YIQ	175.4660, 28.2870, 10.4870

Conversions

Conversions Part 2

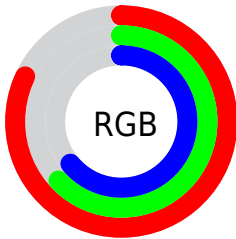
Format	Color
R _Y B	209, 161, 162
Decimal	13738402
CIE Lab	70.63, 17.90, 6.34
CIE LCh	71, 18.988, 19.501
Yxy	41.6537, 0.3586, 0.3279
Android (android.graphics.Color)	4291928482 (0xFFD1A1A2)
YUV	175.4660, -6.6387, 29.4093
Hunter-Lab	64.5397, 13.0655, 8.5957

Details

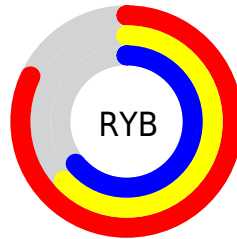
The XYZ color **45.5610, 41.6537, 39.8211** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **48.8853, 57.7331, 68.2445**, and the grayscale version is **41.0131, 43.1490, 46.9893**.

A 20% lighter version of the original color is **78.3203, 75.3815, 76.0678**, and **21.6095, 18.9331, 17.2674** is the 20% darker color. If you saturate the color by 10%, you get **40.5357, 34.2813, 29.8890**, and if you desaturate by 10%, it is **51.4951, 50.3692, 51.5179**.

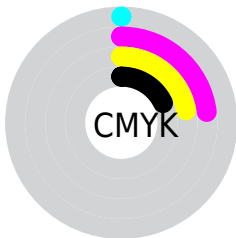
Distribution



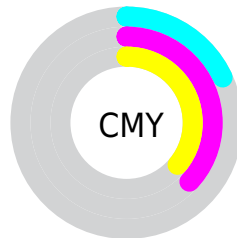
- Red (82%)
- Green (63%)
- Blue (64%)



- Red (82%)
- Yellow (63%)
- Blue (64%)



- Cyan (0%)
- Magenta (23%)
- Yellow (22%)
- Black (18%)





- Cyan (18%)
- Magenta (37%)
- Yellow (36%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 45.5610, 41.6537, 39.8211 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 45.5610, 41.6537, 39.8211 by changing the saturation by 10% instead.


 45.5610, 41.6537,
39.8211


 45.5610, 41.6537,
39.8211


359.7865,
353.0454, 360.8986

 32.1027, 28.8302,
27.0864


 82.7935, 77.6752,
76.1251

 21.5959, 18.9524,
17.4051


 107.2984,
101.6421, 100.5315

 13.6752, 11.6359,
10.3587


136.2162,
130.0922, 129.6655

 7.9753, 6.4963,
5.5287

169.9123,
163.4100, 163.9456

 4.1308, 3.1491,
2.4966

208.7520,
201.9798, 203.7905

 1.7764, 1.2101,
0.8384

253.1007,

 0.5034, 0.0699,

246.1860, 249.6185

0.0000

303.3238,
296.4131, 301.8484

■ 0.0000, 0.0000,
0.0000

■ 45.5610, 41.6537,
39.8211

■ 45.5610, 41.6537,
39.8211

■ 40.5357, 34.2813,
29.8890

■ 51.4951, 50.3692,
51.5179

■ 36.3713, 28.1801,
21.6336

■ 58.3763, 60.4840,
65.0564

■ 33.0205, 23.2798,
14.9631

■ 66.2445, 72.0578,
80.5123

■ 30.4300, 19.5012,
9.7761

■ 75.1367, 85.1452,
97.9562

■ 28.5403, 16.7557,
5.9593

■ 80.1047, 92.2954,
108.2006

■ 27.2832, 14.9412,
3.3831

■ 26.5767, 13.9349,
1.8933

■ 26.3184, 13.5649,
1.3557

Harmonies

Analogous

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



45.8310, 41.6537, 48.5791



45.5610, 41.6537, 39.8211



43.6439, 41.6537, 33.4313

Triad

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



45.5610, 41.6537, 39.8211



35.1732, 41.6537, 35.0225



38.5003, 41.6537, 64.5758

Complementary

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



45.5610, 41.6537, 39.8211



48.8853, 57.7331, 68.2445

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.



35.7964, 41.6537, 59.8193



45.5610, 41.6537, 39.8211



33.9440, 41.6537, 42.2745

Square

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



45.5610, 41.6537, 39.8211



37.6084, 41.6537, 30.9248



34.1660, 41.6537, 51.3766



41.6412, 41.6537, 63.6905

Rectangle

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



45.5610, 41.6537, 39.8211



41.7435, 41.6537, 31.0047



34.1660, 41.6537, 51.3766



37.5131, 41.6537, 63.5615

Sweetspot

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



45.5621, 41.6556, 39.8220



86.9299, 88.0602, 92.9356



50.0987, 43.4182, 66.0621



18.4644, 18.6395, 19.6124



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.



45.5621, 41.6556, 39.8220



67.0631, 58.8813, 53.7749



49.7449, 50.1623, 40.7810



11.8185, 11.8122, 12.3203



16.2315, 8.3655, 0.8595



0.9111, 0.4692, 0.0669

Inverse Universe

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



45.5621, 41.6556, 39.8220



67.0631, 58.8813, 53.7749



43.8938, 47.5534, 67.1873



11.8185, 11.8122, 12.3203



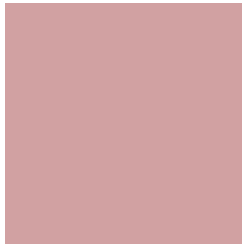
16.2315, 8.3655, 0.8595



0.9111, 0.4692, 0.0669

Previews

White Background



This preview shows how the XYZ color 45.5610, 41.6537, 39.8211 looks on a white background.

Color Contrast Check

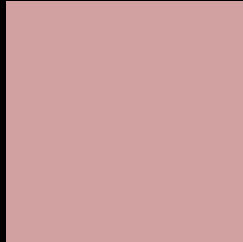
Large Text (above 18pt) WCAG AA × Fail

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 45.5610, 41.6537, 39.8211 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

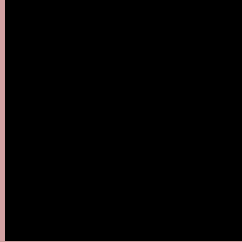
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 45.5610, 41.6537, 39.8211

Background



This preview shows how black text looks on a background with the XYZ color 45.5610, 41.6537, 39.8211.



This preview shows how white text looks on a background with the XYZ color 45.5610, 41.6537,

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

45.5610, 41.6537, 39.8211

Protanopia

39.9519, 41.6793, 42.9850

Deuteranopia

42.4999, 41.6800, 39.5233



Tritanopia

46.4229, 41.4765, 44.5887

Trichromacy



Original Color

45.5610, 41.6537, 39.8211

Protanomaly

41.8718, 41.5773, 41.8947

Deuteranomaly

43.4413, 41.6256, 39.4631

Tritanomaly

46.2170, 41.6704, 42.6531

Monochromacy



Original Color

45.5610, 41.6537, 39.8211

Achromatopsia

40.7470, 42.8690, 46.6844

Achromatomaly

42.1239, 42.2165, 43.9586

CSS Examples

Text

The CSS property to change the color of the text to XYZ 45.5610, 41.6537, 39.8211 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, 161, 162)` looks like.

```
.text, #text, p{  
    color:rgb(209, 161, 162)  
}
```

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, 161, 162) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(209, 161, 162) }
```

Border

The CSS property to change the border of an element to XYZ 45.5610, 41.6537, 39.8211 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, 161, 162) }
```


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

```
.border{ border-color:rgb(209, 161, 162) }
```

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

Here you see how a box with a 4 pixel `rgb(209, 161, 162)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(209, 161, 162); -webkit-box-  
shadow:4px 4px 4px 4px rgb(209, 161, 162);  
box-shadow:4px 4px 4px 4px rgb(209, 161,  
162) }
```

Background

The CSS property to change the background color of an element to XYZ 45.5610, 41.6537, 39.8211 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(209, 161, 162) }
```

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

```
.background{ background-color: rgb(209,  
161, 162) }
```

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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