

Converting Colors

XYZ(45.1792, 37.6475, 35.4618)

Have a look what the booklet for
XYZ(45.1792, 37.6475, 35.4618)
contains.

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Color

**XYZ(45.1716, 37.6440,
35.4571)**

Conversions

Conversions Part 1

Format	Color
Hex	DB919A
RGB	219, 145, 154
RGB Percent	86%, 57%, 60%
CMY	0.1412, 0.4314, 0.3961
CMYK	0.00, 0.34, 0.30, 0.14
HSL	353°, 51%, 71%
HSV	353°, 34%, 86%
XYZ	45.1716, 37.6440, 35.4571
YIQ	168.1520, 41.2150, 18.4870

Conversions

Conversions Part 2

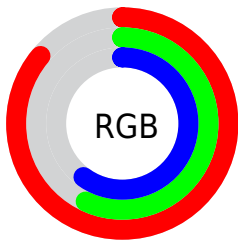
Format	Color
RYB	219, 145, 154
Decimal	14389658
CIELab	67.76, 29.17, 6.81
CIElCh	68, 29.954, 13.144
Yxy	37.6440, 0.3819, 0.3183
Android (android.graphics.Color)	4292579738 (0xFFDB919A)
YUV	168.1520, -6.9769, 44.5937
Hunter-Lab	61.3547, 24.0476, 8.6844

Details

The XYZ color **45.1716, 37.6440, 35.4571** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **48.6431, 61.3369, 70.2514**, and the grayscale version is **37.3140, 39.2573, 42.7512**.

A 20% lighter version of the original color is **73.2794, 67.1226, 68.7682**, and **21.3512, 16.6661, 14.9235** is the 20% darker color. If you saturate the color by 10%, you get **40.6661, 30.9949, 26.6737**, and if you desaturate by 10%, it is **50.5809, 45.6894, 45.8095**.

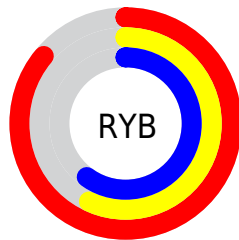
Distribution



Red (86%)

Green (57%)

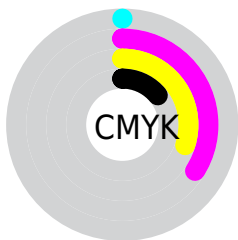
Blue (60%)



Red (86%)

Yellow (57%)

Blue (60%)

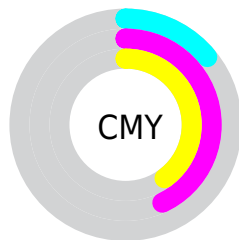


Cyan (0%)

Magenta (34%)

Yellow (30%)

Black (14%)



Cyan (14%)


Magenta (43%)


Yellow (40%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 45.1716, 37.6440, 35.4571 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 45.1716, 37.6440, 35.4571 by changing the saturation by 10% instead.


 45.1716, 37.6440,
35.4571


 45.1716, 37.6440,
35.4571

358.2401,
336.0903, 341.5467

 31.7945, 25.7065,
23.7288


 82.2133, 71.5622,
69.3529

 21.3593, 16.6042,
14.9223


 106.6086, 94.3116,
92.3575

 13.5009, 9.9527,
8.6188


135.4074,
121.4338, 119.9579

 7.8537, 5.3676,
4.4000

168.9749,
153.3132, 152.5727

 4.0525, 2.4645,
1.8472

207.6766,
190.3342, 190.6205

 1.7319, 0.8588,
0.4589

251.8778,

 0.4761, 0.0000,

232.8811, 234.5197

0.0000

301.9439,
281.3383, 284.6889

■ 0.0000, 0.0000,
0.0000

■ 45.1716, 37.6440,
35.4571

■ 45.1716, 37.6440,
35.4571

■ 40.6661, 30.9949,
26.6737

■ 50.5809, 45.6894,
45.8095

■ 37.0121, 25.6574,
19.3804

■ 56.9367, 55.1987,
57.8000

■ 34.1562, 21.5461,
13.4946

■ 64.2824, 66.2417,
71.4964

■ 32.0381, 18.5632,
8.9250

■ 72.6580, 78.8818,
86.9619

■ 30.5885, 16.5957,
5.5692

■ 82.1012, 93.1793,
104.2566

■ 29.7245, 15.5074,
3.3093

■ 83.0235, 93.8001,
108.3372

■ 29.4070, 15.1375,
2.3861

Harmonies

Analogous

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



44.9974, 37.6440, 48.8374



45.1716, 37.6440, 35.4571



42.6788, 37.6440, 25.9032

Triad

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



45.1716, 37.6440, 35.4571



30.0283, 37.6440, 25.0525



33.2588, 37.6440, 70.5642

Complementary

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



45.1716, 37.6440, 35.4571



48.6431, 61.3369, 70.2514

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.



29.6669, 37.6440, 61.0207



45.1716, 37.6440, 35.4571



27.9151, 37.6440, 34.0281

Square

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



45.1716, 37.6440, 35.4571



33.7922, 37.6440, 20.8296



27.7888, 37.6440, 47.0659



37.8432, 37.6440, 71.1801

Rectangle

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



45.1716, 37.6440, 35.4571



39.9554, 37.6440, 22.1842



27.7888, 37.6440, 47.0659



31.9052, 37.6440, 68.2134

Sweetspot

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



45.1726, 37.6458, 35.4578



84.0487, 83.4361, 88.4665



49.2450, 38.9420, 71.9391



17.6840, 17.3993, 18.3639



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.



45.1726, 37.6458, 35.4578



58.8435, 45.8667, 40.4773



49.1034, 46.6619, 33.2090



13.1201, 13.0771, 13.8938



17.4583, 8.9843, 1.5274



1.1528, 0.5908, 0.2135

Inverse Universe

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



45.1726, 37.6458, 35.4578



58.8435, 45.8667, 40.4773



43.2852, 48.7765, 74.1515



13.1201, 13.0771, 13.8938



17.4583, 8.9843, 1.5274



1.1528, 0.5908, 0.2135

Previews

White Background



This preview shows how the XYZ color 45.1716, 37.6440, 35.4571 looks on a white background.

Color Contrast Check

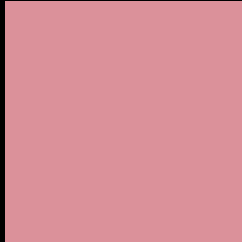
Large Text (above 18pt) WCAG AA × Fail

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 45.1716, 37.6440, 35.4571 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

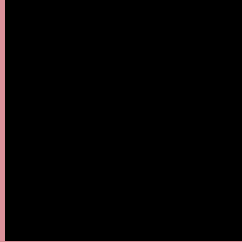
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 45.1716, 37.6440, 35.4571

Background



This preview shows how black text looks on a background with the XYZ color 45.1716, 37.6440, 35.4571.



This preview shows how white text looks on a background with the XYZ color 45.1716, 37.6440,

35.4571.

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

45.1716, 37.6440, 35.4571

Protanopia

36.3951, 37.9517, 41.0045

Deuteranopia

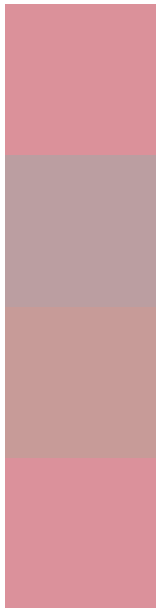
38.6502, 37.9408, 34.5644



Tritanopia

45.3396, 37.7112, 36.3418

Trichromacy



Original Color

45.1716, 37.6440, 35.4571

Protanomaly

39.1534, 37.5917, 38.9105

Deuteranomaly

40.9420, 37.8518, 34.8540

Tritanomaly

45.2552, 37.6774, 35.8976

Monochromacy



Original Color

45.1716, 37.6440, 35.4571

Achromatopsia

37.2190, 39.1572, 42.6422

Achromatomaly

39.6752, 38.3508, 39.9617

CSS Examples

Text

The CSS property to change the color of the text to XYZ 45.1716, 37.6440, 35.4571 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(219, 145, 154)` looks like.

```
.text, #text, p{  
    color:rgb(219, 145, 154)  
}
```

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(219, 145, 154) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(219, 145, 154) }
```

Border

The CSS property to change the border of an element to XYZ 45.1716, 37.6440, 35.4571 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(219, 145, 154) }
```


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

```
.border{ border-color:rgb(219, 145, 154) }
```

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

Here you see how a box with a 4 pixel `rgb(219, 145, 154)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(219, 145, 154); -webkit-box-shadow:4px 4px 4px 4px rgb(219, 145, 154); box-shadow:4px 4px 4px 4px rgb(219, 145, 154) }
```

Background

The CSS property to change the background color of an element to XYZ 45.1716, 37.6440, 35.4571 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(219, 145, 154) }
```

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

```
.background{ background-color: rgb(219,  
145, 154) }
```

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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