

Converting Colors

XYZ(37.7948, 28.9096, 25.6484)

Have a look what the booklet for
XYZ(37.7948, 28.9096, 25.6484)
contains.

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Color

**XYZ(37.8141, 28.9753,
25.7901)**

Conversions

Conversions Part 1

Format	Color
Hex	D37885
RGB	211, 120, 133
RGB Percent	83%, 47%, 52%
CMY	0.1725, 0.5294, 0.4784
CMYK	0.00, 0.43, 0.37, 0.17
HSL	351°, 51%, 65%
HSV	351°, 43%, 83%
XYZ	37.8141, 28.9753, 25.7901
YIQ	148.6910, 50.0630, 23.3350

Conversions

Conversions Part 2

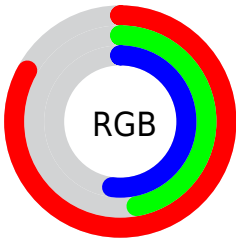
Format	Color
RYB	211, 120, 133
Decimal	13858949
CIELab	60.76, 36.88, 8.60
CIElCh	61, 37.869, 13.126
Yxy	28.9753, 0.4085, 0.3130
Android (android.graphics.Color)	4292049029 (0xFFD37885)
YUV	148.6910, -7.7357, 54.6450
Hunter-Lab	53.8287, 31.1941, 9.2734

Details

The XYZ color **37.8141, 28.9753, 25.7901** is a light color, and the websafe version is hex **CC6666**. A complement of this color would be **41.2345, 54.6595, 61.8062**, and the grayscale version is **28.4548, 29.9367, 32.6010**.

A 20% lighter version of the original color is **65.2390, 55.0773, 53.6469**, and **17.0548, 11.7664, 9.7598** is the 20% darker color. If you saturate the color by 10%, you get **34.4065, 23.9906, 19.0110**, and if you desaturate by 10%, it is **41.9975, 35.1671, 33.8899**.

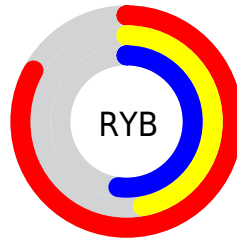
Distribution



Red (83%)

Green (47%)

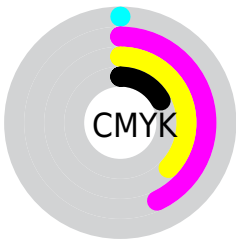
Blue (52%)



Red (83%)

Yellow (47%)

Blue (52%)

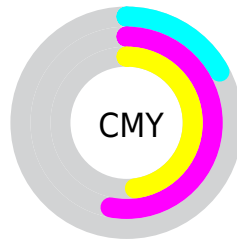


Cyan (0%)

Magenta (43%)

Yellow (37%)

Black (17%)



Cyan (17%)


Magenta (53%)


Yellow (48%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 37.8141, 28.9753, 25.7901 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 37.8141, 28.9753, 25.7901 by changing the saturation by 10% instead.


 37.8141, 28.9753,
25.7901


 37.8141, 28.9753,
25.7901

328.1165,
297.0984, 295.3228

 26.0150, 19.0621,
16.4423

 71.1288, 58.0378,
53.9161

 16.9676, 11.7152,
9.6800

 93.3752, 77.9560,
73.5313

 10.3066, 6.5501,
5.0845


 119.8347,
101.9780, 97.4061

 5.6665, 3.1823,
2.2373

150.8727,
130.4881, 125.9591

 2.6821, 1.2277,
0.6958

186.8545,
163.8708, 159.6087

 0.9880, 0.0841,
0.0000

228.1455,

 0.0000, 0.0000,

202.5105, 198.7735

0.0000

275.1110,
246.7916, 243.8720

■ 37.8141, 28.9753,
25.7901

■ 37.8141, 28.9753,
25.7901

■ 34.4065, 23.9906,
19.0110

■ 41.9975, 35.1671,
33.8899

■ 31.7242, 20.1300,
13.4806

■ 46.9984, 42.6333,
43.3739

■ 29.7145, 17.3069,
9.1222


■ 52.8583, 51.4413,
54.3036


■ 28.3160, 15.4201,
5.8502


■ 59.6149, 61.6525,
66.7360

■ 27.4561, 14.3480,
3.5665

■ 67.3041, 73.3245,
80.7252

 27.1000, 13.9433,
2.5002

 75.9595, 86.5117,
96.3227

 80.6740, 92.5889,
108.2272

Harmonies

Analogous

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



37.6167, 28.9753, 40.0815



37.8141, 28.9753, 25.7901



35.0345, 28.9753, 16.4209

Triad

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



37.8141, 28.9753, 25.7901



21.5684, 28.9753, 15.6236



24.8854, 28.9753, 65.2094

Complementary

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



37.8141, 28.9753, 25.7901



41.2345, 54.6595, 61.8062

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.



21.1989, 28.9753, 53.9201



37.8141, 28.9753, 25.7901



19.4459, 28.9753, 24.3228

Square

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



37.8141, 28.9753, 25.7901



25.4481, 28.9753, 11.8414



19.3192, 28.9753, 38.1075



29.7439, 28.9753, 65.9562

Rectangle

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



37.8141, 28.9753, 25.7901



32.0397, 28.9753, 13.0330



19.3192, 28.9753, 38.1075



23.4829, 28.9753, 62.3969

Sweetspot

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



37.8149, 28.9767, 25.7907



81.1292, 78.9460, 83.3347



41.5930, 30.0553, 65.2371



16.9104, 16.2128, 16.9938



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.



37.8149, 28.9767, 25.7907



53.0816, 37.2106, 29.7156



41.4590, 37.6142, 22.8463



11.8765, 11.8354, 12.6257



16.3776, 8.4239, 1.6288



0.9384, 0.4801, 0.2105

Inverse Universe

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



37.8149, 28.9767, 25.7907



53.0816, 37.2106, 29.7156



35.6550, 40.9979, 67.6622



11.8765, 11.8354, 12.6257



16.3776, 8.4239, 1.6288



0.9384, 0.4801, 0.2105

Previews

White Background



This preview shows how the XYZ color 37.8141, 28.9753, 25.7901 looks on a white background.

Color Contrast Check

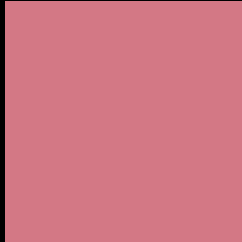
Large Text (above 18pt) WCAG AA ✓ Pass

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 37.8141, 28.9753, 25.7901 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

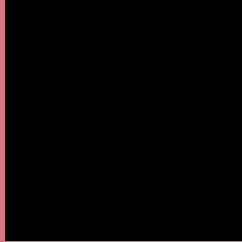
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 37.8141, 28.9753, 25.7901

Background



This preview shows how black text looks on a background with the XYZ color 37.8141, 28.9753, 25.7901.



This preview shows how white text looks on a background with the XYZ color 37.8141, 28.9753,

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

37.8141, 28.9753, 25.7901

Protanopia

27.9398, 29.0539, 31.7391

Deuteranopia

29.7839, 29.2558, 24.8460



Tritanopia

37.6638, 29.1086, 24.4023

Trichromacy



Original Color

37.8141, 28.9753, 25.7901

Protanomaly

30.8414, 28.6150, 29.4889

Deuteranomaly

32.3215, 28.8522, 24.9846

Tritanomaly

37.7306, 29.1353, 24.7542

Monochromacy



Original Color

37.8141, 28.9753, 25.7901

Achromatopsia

28.5667, 30.0544, 32.7292

Achromatomaly

31.0597, 28.9308, 29.9338

CSS Examples

Text

The CSS property to change the color of the text to XYZ 37.8141, 28.9753, 25.7901 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(211, 120, 133)` looks like.

```
.text, #text, p{  
    color:rgb(211, 120, 133)  
}
```

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(211, 120, 133) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(211, 120, 133) }
```

Border

The CSS property to change the border of an element to XYZ 37.8141, 28.9753, 25.7901 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(211, 120, 133) }
```


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

```
.border{ border-color:rgb(211, 120, 133) }
```

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

Here you see how a box with a 4 pixel `rgb(211, 120, 133)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(211, 120, 133); -webkit-box-  
shadow:4px 4px 4px 4px rgb(211, 120, 133);  
box-shadow:4px 4px 4px 4px rgb(211, 120,  
133) }
```

Background

The CSS property to change the background color of an element to XYZ 37.8141, 28.9753, 25.7901 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(211, 120, 133) }
```

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

```
.background{ background-color: rgb(211,  
120, 133) }
```

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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