

Converting Colors

XYZ(37.7155, 27.9558, 29.9769)

Have a look what the booklet for
XYZ(37.7155, 27.9558, 29.9769)
contains.

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Color

**XYZ(37.7431, 27.9767,
29.7963)**

Conversions

Conversions Part 1

Format	Color
Hex	D27390
RGB	210, 115, 144
RGB Percent	82%, 45%, 56%
CMY	0.1765, 0.5490, 0.4353
CMYK	0.00, 0.45, 0.31, 0.18
HSL	342°, 51%, 64%
HSV	342°, 45%, 82%
XYZ	37.7431, 27.9767, 29.7963
YIQ	146.7110, 47.3110, 29.1590

Conversions

Conversions Part 2

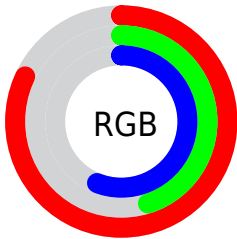
Format	Color
R _Y B	210, 115, 144
Decimal	13792144
CIE Lab	59.87, 40.49, 0.96
CIE LCh	60, 40.506, 1.358
Yxy	27.9767, 0.3951, 0.2929
Android (android.graphics.Color)	4291982224 (0xFFD27390)
YUV	146.7110, -1.3365, 55.5045
Hunter-Lab	52.8930, 34.8103, 3.6252

Details

The XYZ color **37.7431, 27.9767, 29.7963** is a light color, and the websafe version is hex **CC6699**. A complement of this color would be **38.4586, 53.0749, 51.9364**, and the grayscale version is **27.6063, 29.0440, 31.6289**.

A 20% lighter version of the original color is **65.6210, 53.7132, 60.3352**, and **16.9348, 11.1355, 11.8465** is the 20% darker color. If you saturate the color by 10%, you get **34.5714, 23.3040, 23.5882**, and if you desaturate by 10%, it is **41.6059, 33.8006, 36.9464**.

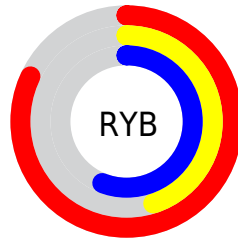
Distribution



Red (82%)

Green (45%)

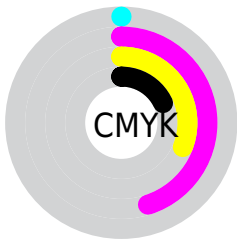
Blue (56%)



Red (82%)

Yellow (45%)

Blue (56%)

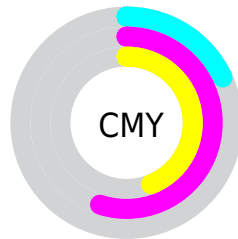


Cyan (0%)

Magenta (45%)

Yellow (31%)

Black (18%)



Cyan (18%)

Magenta (55%)

Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 37.7431, 27.9767, 29.7963 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 37.7431, 27.9767, 29.7963 by changing the saturation by 10% instead.


 37.7431, 27.9767,
29.7963

 37.7431, 27.9767,
29.7963

327.8166,
292.3556, 315.1315


 25.9597, 18.3081,
19.4333


 71.0206, 56.4472,
60.3971

 16.9260, 11.1714,
11.8038


 93.2455, 76.0180,
81.4719

 10.2767, 6.1822,
6.4893


 119.6815, 99.6582,
106.9545

 5.6465, 2.9562,
3.0713

150.6940,
127.7523, 137.2633

 2.6699, 1.1089,
1.1311

186.6484,
160.6847, 172.8168

 0.9817, 0.0000,
0.0000

227.9101,

 0.0000, 0.0000,

198.8398, 214.0337

0.0000

274.8444,
242.6019, 261.3324

■ 37.7431, 27.9767,
29.7963

■ 37.7431, 27.9767,
29.7963

■ 34.5714, 23.3040,
23.5882

■ 41.6059, 33.8006,
36.9464

■ 32.0455, 19.7012,
18.2792

■ 46.1967, 40.8417,
45.0755

■ 30.1180, 17.0827,
13.8250


■ 51.5524, 49.1658,
54.2207


■ 28.7338, 15.3480,
10.1762


■ 57.7067, 58.8326,
64.4162


■ 27.8259, 14.3744,
7.2775

■ 64.6912, 69.8984,
75.6949

 27.5066, 14.0729,
6.1317

 72.5359, 82.4159,
88.0881

 78.9933, 91.8836,
100.8672

 80.3884, 92.4417,
108.2138

Harmonies

Analogous

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



36.2398, 27.9767, 46.1398



37.7431, 27.9767, 29.7963



35.9528, 27.9767, 17.9813

Triad

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



37.7431, 27.9767, 29.7963



21.7734, 27.9767, 12.1234



22.1302, 27.9767, 62.6588

Complementary

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



37.7431, 27.9767, 29.7963



38.4586, 53.0749, 51.9364

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.



19.0142, 27.9767, 47.6884



37.7431, 27.9767, 29.7963



18.8276, 27.9767, 18.8109

Square

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



37.7431, 27.9767, 29.7963



26.3576, 27.9767, 10.0254



17.8854, 27.9767, 31.1373



26.8258, 27.9767, 68.4147

Rectangle

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



37.7431, 27.9767, 29.7963



33.2509, 27.9767, 13.2738



17.8854, 27.9767, 31.1373



20.8856, 27.9767, 58.3419

Sweetspot

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



37.7439, 27.9781, 29.7968



80.9604, 77.8039, 85.7584



36.5677, 26.6095, 64.1817



16.9123, 16.0022, 17.6556



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.



37.7439, 27.9781, 29.7968



53.9230, 36.5673, 37.1673



37.9818, 31.5567, 20.3106



11.9552, 11.8668, 13.0398



16.8181, 8.6001, 3.9485



0.9757, 0.4950, 0.4067

Inverse Universe

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



37.7439, 27.9781, 29.7968



53.9230, 36.5673, 37.1673



37.6821, 46.2549, 67.9149



11.9552, 11.8668, 13.0398



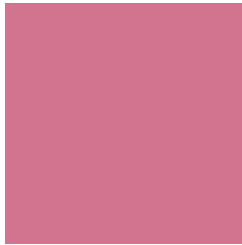
16.8181, 8.6001, 3.9485



0.9757, 0.4950, 0.4067

Previews

White Background



This preview shows how the XYZ color 37.7431, 27.9767, 29.7963 looks on a white background.

Color Contrast Check

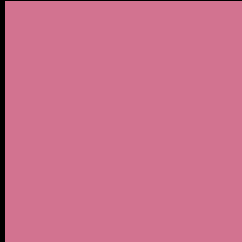
Large Text (above 18pt) WCAG AA ✓ Pass

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 37.7431, 27.9767, 29.7963 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 37.7431, 27.9767, 29.7963

Background



This preview shows how black text looks on a background with the XYZ color 37.7431, 27.9767, 29.7963.



This preview shows how white text looks on a background with the XYZ color 37.7431, 27.9767,

29.7963.

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

37.7431, 27.9767, 29.7963

Protanopia

27.5616, 28.2705, 37.7223

Deuteranopia

28.6089, 28.1232, 28.7314



Tritanopia

36.3216, 27.8991, 23.5494

Trichromacy



Original Color

37.7431, 27.9767, 29.7963

Protanomaly

30.2403, 27.3571, 34.6970

Deuteranomaly

31.2841, 27.6207, 28.8818

Tritanomaly

36.8894, 27.9713, 25.6450

Monochromacy



Original Color

37.7431, 27.9767, 29.7963

Achromatopsia

27.7328, 29.1771, 31.7738

Achromatomaly

30.4298, 27.9493, 30.9851

CSS Examples

Text

The CSS property to change the color of the text to XYZ 37.7431, 27.9767, 29.7963 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(210, 115, 144)` looks like.

```
.text, #text, p{  
    color:rgb(210, 115, 144)  
}
```

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(210, 115, 144) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(210, 115, 144) }
```

Border

The CSS property to change the border of an element to XYZ 37.7431, 27.9767, 29.7963 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(210, 115, 144) }
```


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

```
.border{ border-color:rgb(210, 115, 144) }
```

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

Here you see how a box with a 4 pixel `rgb(210, 115, 144)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(210, 115, 144); -webkit-box-  
shadow:4px 4px 4px 4px rgb(210, 115, 144);  
box-shadow:4px 4px 4px 4px rgb(210, 115,  
144) }
```

Background

The CSS property to change the background color of an element to XYZ 37.7431, 27.9767, 29.7963 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(210, 115, 144) }
```

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

```
.background{ background-color: rgb(210,  
115, 144) }
```

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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