

Converting Colors

XYZ(33.3733, 18.7485, 27.0592)

Have a look what the booklet for
XYZ(33.3733, 18.7485, 27.0592)
contains.

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Color

**XYZ(33.3733, 18.7485,
27.0592)**

Conversions

Conversions Part 1

Format	Color
Hex	D4388D
RGB	212, 56, 141
RGB Percent	83%, 22%, 55%
CMY	0.1686, 0.7804, 0.4471
CMYK	0.00, 0.74, 0.33, 0.17
HSL	327°, 64%, 53%
HSV	327°, 74%, 83%
XYZ	33.3733, 18.7485, 27.0592
YIQ	112.3340, 65.6910, 59.5070

Conversions

Conversions Part 2

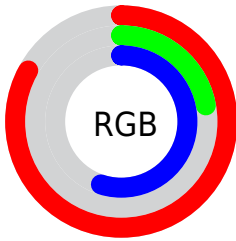
Format	Color
R_{YB}	212, 56, 141
Decimal	13908109
CIE _{Lab}	50.39, 66.57, -11.27
CIE _{LCh}	50, 67.519, 350.388
Yxy	18.7485, 0.4215, 0.2368
Android (android.graphics.Color)	4292098189 (0xFFD4388D)
YUV	112.3340, 14.1323, 87.4071
Hunter-Lab	43.2995, 61.8054, -6.7424

Details

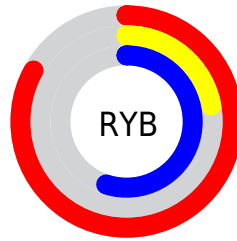
The XYZ color **33.3733, 18.7485, 27.0592** is a dark color, and the websafe version is hex **CC3399**. The color can be described as middle muted rose. A complement of this color would be **29.0064, 49.4607, 28.1001**, and the grayscale version is **15.4467, 16.2512, 17.6975**.

A 20% lighter version of the original color is **57.3357, 37.6909, 55.8829**, and **15.0252, 7.5276, 10.5586** is the 20% darker color. If you saturate the color by 10%, you get **31.8675, 16.8362, 23.1679**, and if you desaturate by 10%, it is **35.3775, 21.5573, 31.4256**.

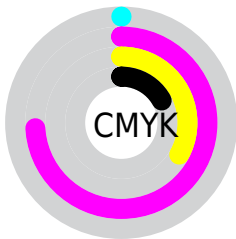
Distribution



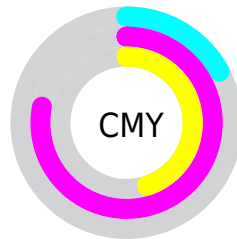
- Red (83%)
- Green (22%)
- Blue (55%)



- Red (83%)
- Yellow (22%)
- Blue (55%)



- Cyan (0%)
- Magenta (74%)
- Yellow (33%)
- Black (17%)



- Cyan (17%)
- Magenta (78%)
- Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 33.3733, 18.7485, 27.0592 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 33.3733, 18.7485, 27.0592 by changing the saturation by 10% instead.

■ 33.3733, 18.7485,
27.0592

■ 33.3733, 18.7485,
27.0592

308.9638,
245.0568, 301.7129

■ 22.5732, 11.4887,
17.3849

■ 64.3087, 41.3087,
55.9837

■ 14.3976, 6.3965,
10.3444

■ 85.1747, 57.3779,
76.0710

■ 8.4813, 3.0877,
5.5193

■ 110.1266, 77.1523,
100.4664

■ 4.4588, 1.1777,
2.4911

■ 139.5300,
101.0163, 129.5883

■ 1.9648, 0.0434,
0.8354

■ 173.7500,
129.3544, 163.8554

■ 0.6141, 0.0000,
0.0000

213.1521,

■ 0.0000, 0.0000,

162.5509, 203.6861

0.0000

258.1016,
200.9903, 249.4991

■ 33.3733, 18.7485,
27.0592

■ 33.3733, 18.7485,
27.0592

■ 31.8675, 16.8362,
23.1679

■ 35.3775, 21.5573,
31.4256

■ 30.7977, 15.6985,
19.7226

■ 37.9290, 25.3580,
36.2906

■ 30.2752, 15.2466,
17.7203

■ 41.0719, 30.2368,
41.6762

■ 44.8456, 36.2698,
47.6026

■ 49.2857, 43.5262,
54.0886

■ 54.4251, 52.0696,
61.1516

■ 60.2944, 61.9591,
68.8085

■ 66.9224, 73.2503,
77.0750

■ 74.3362, 85.9954,
85.9663

Harmonies

Analogous

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



29.4100, 18.7485, 53.1931



33.3733, 18.7485, 27.0592



32.4505, 18.7485, 10.2383

Triad

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



33.3733, 18.7485, 27.0592



13.7770, 18.7485, 1.8245



10.9270, 18.7485, 62.8034

Complementary

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



33.3733, 18.7485, 27.0592



29.0064, 49.4607, 28.1001

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.



8.4188, 18.7485, 35.7615



33.3733, 18.7485, 27.0592



9.7621, 18.7485, 4.9581

Square

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



33.3733, 18.7485, 27.0592



20.0100, 18.7485, 1.4956



8.0524, 18.7485, 14.9568



15.7957, 18.7485, 80.7585

Rectangle

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



33.3733, 18.7485, 27.0592



29.2569, 18.7485, 4.8137



8.0524, 18.7485, 14.9568



9.8358, 18.7485, 53.9059

Sweetspot

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



33.3739, 18.7495, 27.0595



75.8484, 67.7440, 83.5485



21.9329, 12.0341, 63.4543



15.8086, 13.7974, 17.2796



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.



33.3739, 18.7495, 27.0595



47.4581, 24.5146, 32.3082



29.4861, 17.1944, 6.5869



12.7034, 12.5329, 14.3786



18.7416, 9.4329, 11.2090



1.1719, 0.5856, 0.8948

Inverse Universe

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



33.3739, 18.7495, 27.0595



47.4581, 24.5146, 32.3082



36.0982, 52.2974, 65.4448



12.7034, 12.5329, 14.3786



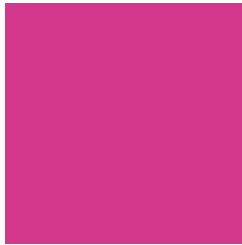
18.7416, 9.4329, 11.2090



1.1719, 0.5856, 0.8948

Previews

White Background



This preview shows how the XYZ color 33.3733, 18.7485, 27.0592 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 33.3733, 18.7485, 27.0592 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

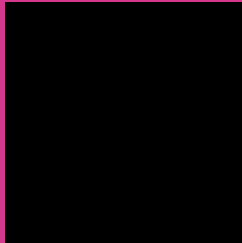
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 33.3733, 18.7485, 27.0592

Background



This preview shows how black text looks on a background with the XYZ color 33.3733, 18.7485, 27.0592.



This preview shows how white text looks on a background with the XYZ color 33.3733, 18.7485,

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

33.3733, 18.7485, 27.0592

Protanopia

20.0599, 18.9589, 47.9496

Deuteranopia

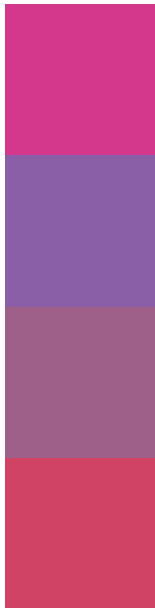
19.3473, 18.9281, 24.8241



Tritanopia

29.5561, 18.7130, 9.2619

Trichromacy



Original Color

33.3733, 18.7485, 27.0592

Protanomaly

21.8076, 16.5005, 39.0813

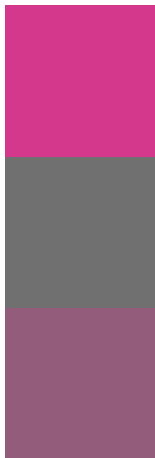
Deuteranomaly

22.6367, 17.2311, 25.4254

Tritanomaly

30.6506, 18.5092, 14.2691

Monochromacy



Original Color

33.3733, 18.7485, 27.0592

Achromatopsia

15.4009, 16.2029, 17.6450

Achromatomaly

19.6150, 15.3803, 20.6738

CSS Examples

Text

The CSS property to change the color of the text to XYZ 33.3733, 18.7485, 27.0592 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(212, 56, 141)` looks like.

```
.text, #text, p{  
    color:rgb(212, 56, 141)  
}
```

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(212, 56, 141) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(212, 56, 141) }
```

Border

The CSS property to change the border of an element to XYZ 33.3733, 18.7485, 27.0592 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(212, 56, 141) }
```


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

```
.border{ border-color:rgb(212, 56, 141) }
```

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

Here you see how a box with a 4 pixel `rgb(212, 56, 141)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(212, 56, 141); -webkit-box-  
shadow:4px 4px 4px 4px rgb(212, 56, 141);  
box-shadow:4px 4px 4px 4px rgb(212, 56,  
141) }
```

Background

The CSS property to change the background color of an element to XYZ 33.3733, 18.7485, 27.0592 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(212, 56, 141) }
```

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

```
.background{ background-color: rgb(212, 56,  
141) }
```

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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