

Converting Colors

XYZ(41.8059, 29.4295, 32.9837)

Have a look what the booklet for
XYZ(41.8059, 29.4295, 32.9837)
contains.

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Color

**XYZ(41.8931, 29.5433,
33.2002)**

Conversions

Conversions Part 1

Format	Color
Hex	DF7098
RGB	223, 112, 152
RGB Percent	87%, 44%, 60%
CMY	0.1255, 0.5608, 0.4039
CMYK	0.00, 0.50, 0.32, 0.13
HSL	338°, 63%, 66%
HSV	338°, 50%, 87%
XYZ	41.8931, 29.5433, 33.2002
YIQ	149.7490, 53.3160, 35.9720

Conversions

Conversions Part 2

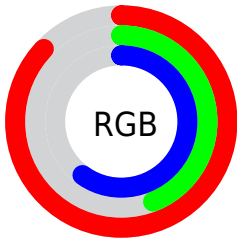
Format	Color
R_{YB}	223, 112, 152
Decimal	14643352
CIE _{Lab}	61.26, 47.51, -1.41
CIE _{LCh}	61, 47.526, 358.300
Yxy	29.5433, 0.4004, 0.2823
Android (android.graphics.Color)	4292833432 (0xFFDF7098)
YUV	149.7490, 1.1097, 64.2411
Hunter-Lab	54.3537, 42.4596, 1.8323

Details

The XYZ color **41.8931, 29.5433, 33.2002** is a light color, and the websafe version is hex **CC6699**. A complement of this color would be **41.6185, 59.6398, 54.1210**, and the grayscale version is **28.8636, 30.3668, 33.0694**.

A 20% lighter version of the original color is **66.1993, 53.3537, 65.2017**, and **19.4300, 12.0668, 13.6170** is the 20% darker color. If you saturate the color by 10%, you get **38.6313, 24.7782, 26.6913**, and if you desaturate by 10%, it is **45.9063, 35.5860, 40.6534**.

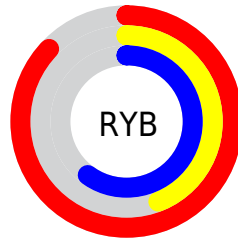
Distribution



Red (87%)

Green (44%)

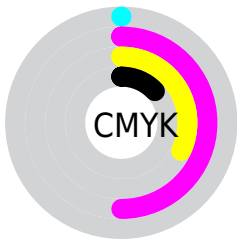
Blue (60%)



Red (87%)

Yellow (44%)

Blue (60%)

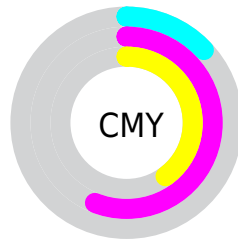


Cyan (0%)

Magenta (50%)

Yellow (32%)

Black (13%)



Cyan (13%)


Magenta (56%)


Yellow (40%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 41.8931, 29.5433, 33.2002 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 41.8931, 29.5433, 33.2002 by changing the saturation by 10% instead.


 41.8931, 29.5433,
33.2002


 41.8931, 29.5433,
33.2002


345.0388,
299.7698, 331.2105


 29.2083, 19.4922,
22.0075


 77.3040, 58.9392,
65.8076


 19.3836, 12.0265,
13.6640


 100.7608, 79.0527,
88.0593

 12.0534, 6.7617,
7.7513

 128.5391,
103.2893, 114.8345

 6.8525, 3.3135,
3.8507

 161.0041,
132.0331, 146.5516

 3.4155, 1.2975,
1.5438

198.5212,
165.6687, 183.6292

 1.3771, 0.1393,
0.2503

241.4558,

 0.2398, 0.0000,

204.5804, 226.4859

0.0000

290.1732,
249.1527, 275.5401

■ 0.0000, 0.0000,
0.0000

■ 41.8931, 29.5433,
33.2002

■ 41.8931, 29.5433,
33.2002

■ 38.6313, 24.7782,
26.6913

■ 45.9063, 35.5860,
40.6534

■ 36.0676, 21.1927,
21.0836

■ 50.7143, 42.9859,
49.0879

■ 34.1454, 18.6815,
16.3327


■ 56.3600, 51.8216,
58.5402


■ 32.7970, 17.1183,
12.3883


■ 62.8823, 62.1640,
69.0448


■ 31.9101, 16.2883,
9.1834

■ 70.3177, 74.0796,
80.6340

 31.8926, 16.2724,
9.1181

 78.7007, 87.6308,
93.3389

 83.7389, 94.2270,
105.7478

 84.2415, 94.4280,
108.3942

Harmonies

Analogous

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



39.6012, 29.5433, 53.8649



41.8931, 29.5433, 33.2002



40.0515, 29.5433, 18.4496

Triad

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



41.8931, 29.5433, 33.2002



22.7573, 29.5433, 10.3778



22.2244, 29.5433, 71.2550

Complementary

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



41.8931, 29.5433, 33.2002



41.6185, 59.6398, 54.1210

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.



18.7689, 29.5433, 51.4078



41.8931, 29.5433, 33.2002



19.0429, 29.5433, 17.2548

Square

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



41.8931, 29.5433, 33.2002



28.4383, 29.5433, 8.5662



17.6956, 29.5433, 31.1567



27.7248, 29.5433, 80.3175

Rectangle

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



41.8931, 29.5433, 33.2002



36.8612, 29.5433, 12.7001



17.6956, 29.5433, 31.1567



20.8175, 29.5433, 65.3320

Sweetspot

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



41.8939, 29.5448, 33.2008



80.3463, 76.5001, 85.7869



38.4771, 26.8994, 72.9763



16.8034, 15.7504, 17.7241



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.



41.8939, 29.5448, 33.2008



52.0883, 33.2015, 35.6199



40.9208, 31.9866, 19.3484



13.9103, 13.7817, 15.2978



18.8016, 9.5876, 5.6211



1.3451, 0.6813, 0.6099

Inverse Universe

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



41.8939, 29.5448, 33.2008



52.0883, 33.2015, 35.6199



42.6071, 53.9827, 77.9863



13.9103, 13.7817, 15.2978



18.8016, 9.5876, 5.6211



1.3451, 0.6813, 0.6099

Previews

White Background



This preview shows how the XYZ color 41.8931, 29.5433, 33.2002 looks on a white background.

Color Contrast Check

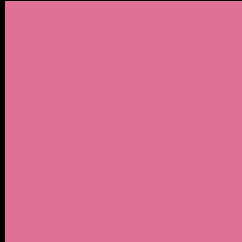
Large Text (above 18pt) WCAG AA ✓ Pass

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 41.8931, 29.5433, 33.2002 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

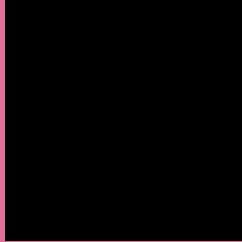
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 41.8931, 29.5433, 33.2002

Background



This preview shows how black text looks on a background with the XYZ color 41.8931, 29.5433, 33.2002.



This preview shows how white text looks on a background with the XYZ color 41.8931, 29.5433,

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

41.8931, 29.5433, 33.2002

Protanopia

29.4014, 29.7631, 44.2396

Deuteranopia

30.3440, 29.8396, 31.7641



Tritanopia

39.8818, 29.5754, 23.0087

Trichromacy



Original Color

41.8931, 29.5433, 33.2002

Protanomaly

32.4213, 28.5740, 39.8829

Deuteranomaly

33.6837, 28.9867, 32.2534

Tritanomaly

40.6281, 29.5403, 26.4822

Monochromacy



Original Color

41.8931, 29.5433, 33.2002

Achromatopsia

28.9890, 30.4987, 33.2131

Achromatomaly

32.5215, 29.1898, 33.1983

CSS Examples

Text

The CSS property to change the color of the text to XYZ 41.8931, 29.5433, 33.2002 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(223, 112, 152)` looks like.

```
.text, #text, p{  
    color:rgb(223, 112, 152)  
}
```

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(223, 112, 152) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(223, 112, 152) }
```

Border

The CSS property to change the border of an element to XYZ 41.8931, 29.5433, 33.2002 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(223, 112, 152) }
```


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

```
.border{ border-color:rgb(223, 112, 152) }
```

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

Here you see how a box with a 4 pixel `rgb(223, 112, 152)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(223, 112, 152); -webkit-box-  
shadow:4px 4px 4px 4px rgb(223, 112, 152);  
box-shadow:4px 4px 4px 4px rgb(223, 112,  
152) }
```

Background

The CSS property to change the background color of an element to XYZ 41.8931, 29.5433, 33.2002 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(223, 112, 152) }
```

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

```
.background{ background-color: rgb(223,  
112, 152) }
```

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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