

Converting Colors

XYZ(41.6770, 27.2852, 41.4727)

Have a look what the booklet for
XYZ(41.6770, 27.2852, 41.4727)
contains.

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Color

**XYZ(41.6313, 27.2361,
41.5910)**

Conversions

Conversions Part 1

Format	Color
Hex	DD63AB
RGB	221, 99, 171
RGB Percent	87%, 39%, 67%
CMY	0.1333, 0.6117, 0.3294
CMYK	0.00, 0.55, 0.23, 0.13
HSL	325°, 64%, 63%
HSV	325°, 55%, 87%
XYZ	41.6313, 27.2361, 41.5910
YIQ	143.6860, 49.6000, 48.2560

Conversions

Conversions Part 2

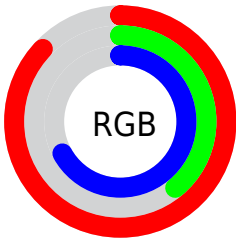
Format	Color
R_{YB}	221, 99, 171
Decimal	14508971
CIE _{Lab}	59.19, 55.62, -15.47
CIE _{LCh}	59, 57.728, 344.453
Yxy	27.2361, 0.3769, 0.2466
Android (android.graphics.Color)	4292699051 (0xFFDD63AB)
YUV	143.6860, 13.4658, 67.8044
Hunter-Lab	52.1882, 51.0627, -10.7190

Details

The XYZ color **41.6313, 27.2361, 41.5910** is a light color, and the websafe version is hex **CC6699**. A complement of this color would be **36.4282, 56.5362, 37.4290**, and the grayscale version is **26.3177, 27.6883, 30.1525**.

A 20% lighter version of the original color is **66.5231, 49.8622, 78.0697**, and **19.2620, 10.7744, 18.5172** is the 20% darker color. If you saturate the color by 10%, you get **38.9828, 23.2735, 36.5934**, and if you desaturate by 10%, it is **44.9134, 32.3706, 47.0922**.

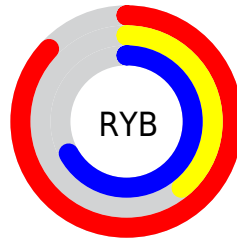
Distribution



Red (87%)

Green (39%)

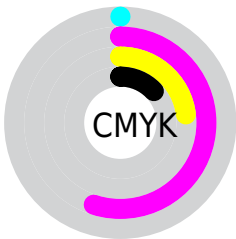
Blue (67%)



Red (87%)

Yellow (39%)

Blue (67%)

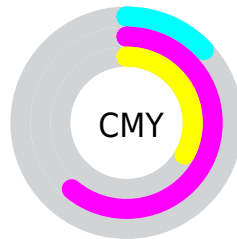


Cyan (0%)

Magenta (55%)

Yellow (23%)

Black (13%)



Cyan (13%)

Magenta (61%)

Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 41.6313, 27.2361, 41.5910 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 41.6313, 27.2361, 41.5910 by changing the saturation by 10% instead.

41.6313, 27.2361,
41.5910

41.6313, 27.2361,
41.5910

343.9699,
288.7985, 368.5342

29.0025, 17.7506,
28.4580

76.9100, 55.2625,
78.8436

19.2270, 10.7711,
18.4291

100.2906, 74.5722,
103.8003

11.9394, 5.9131,
11.0859

127.9859, 97.9255,
133.5354

6.7743, 2.7923,
6.0097

160.3612,
125.7066, 168.4673

3.3665, 1.0243,
2.7821

197.7820,
158.3001, 209.0145

1.3504, 0.0000,
0.9845

240.6134,

0.2205, 0.0000,

196.0903, 255.5958

0.0000

289.2209,
239.4616, 308.6295

■ 0.0000, 0.0000,
0.0000

■ 41.6313, 27.2361,
41.5910

■ 41.6313, 27.2361,
41.5910

■ 38.9828, 23.2735,
36.5934

■ 44.9134, 32.3706,
47.0922

■ 36.9162, 20.3824,
32.0757

■ 48.8704, 38.7584,
53.1157

■ 35.3755, 18.4520,
28.0135

■ 53.5426, 46.4785,
59.6807

■ 34.2911, 17.3454,
24.3773

■ 58.9665, 55.6020,
66.8046

■ 33.8766, 16.9953,
22.7630

■ 65.1761, 66.1951,
74.5041

■ 72.2030, 78.3196,
82.7946

■ 80.0774, 92.0338,
91.6913

■ 81.8266, 93.3913,
98.8747

■ 83.2323, 93.9536,
106.2769

Harmonies

Analogous

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



36.8332, 27.2361, 67.8749



41.6313, 27.2361, 41.5910



41.7251, 27.2361, 20.8259

Triad

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



41.6313, 27.2361, 41.5910



22.5858, 27.2361, 5.4575



17.2153, 27.2361, 66.9508

Complementary

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



41.6313, 27.2361, 41.5910



36.4282, 56.5362, 37.4290

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.



14.6697, 27.2361, 40.6829



41.6313, 27.2361, 41.5910



17.3578, 27.2361, 9.4131

Square

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



41.6313, 27.2361, 41.5910



29.7744, 27.2361, 5.5210



14.7165, 27.2361, 20.2544



22.3538, 27.2361, 86.5364

Rectangle

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



41.6313, 27.2361, 41.5910



39.0506, 27.2361, 12.4153



14.7165, 27.2361, 20.2544



16.0741, 27.2361, 58.1876

Sweetspot

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



41.6321, 27.2374, 41.5915



80.0162, 74.3002, 90.4233



29.6910, 20.4231, 70.7840



16.7922, 15.3388, 18.9203



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.



41.6321, 27.2374, 41.5915



53.4892, 31.5740, 49.7416



37.1620, 25.4494, 18.0520



13.3768, 13.1798, 15.2456



19.7369, 9.8958, 13.5265



1.3211, 0.6581, 1.0996

Inverse Universe

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



41.6321, 27.2374, 41.5915



53.4892, 31.5740, 49.7416



42.4869, 58.9597, 69.3336



13.3768, 13.1798, 15.2456



19.7369, 9.8958, 13.5265



1.3211, 0.6581, 1.0996

Previews

White Background



This preview shows how the XYZ color 41.6313, 27.2361, 41.5910 looks on a white background.

Color Contrast Check

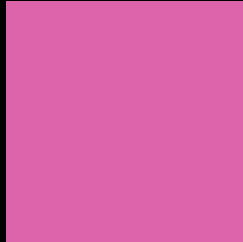
Large Text (above 18pt) WCAG AA ✓ Pass

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 41.6313, 27.2361, 41.5910 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

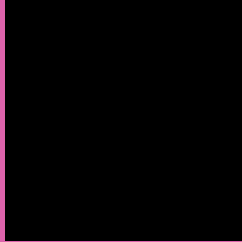
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 41.6313, 27.2361, 41.5910

Background



This preview shows how black text looks on a background with the XYZ color 41.6313, 27.2361, 41.5910.



This preview shows how white text looks on a background with the XYZ color 41.6313, 27.2361,

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

41.6313, 27.2361, 41.5910

Protanopia

28.3797, 27.5519, 59.0806

Deuteranopia

27.9661, 27.3486, 38.9268



Tritanopia

37.2734, 27.2758, 20.4398

Trichromacy



Original Color

41.6313, 27.2361, 41.5910



Protanomaly

31.0532, 26.0103, 52.0990



Deuteranomaly

31.6383, 26.2040, 39.9496



Tritanomaly

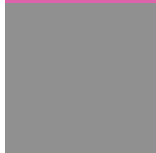
38.6865, 27.2270, 26.8832

Monochromacy



Original Color

41.6313, 27.2361, 41.5910



Achromatopsia

26.5089, 27.8894, 30.3716



Achromatomaly

30.5652, 26.5421, 34.0840

CSS Examples

Text

The CSS property to change the color of the text to XYZ 41.6313, 27.2361, 41.5910 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(221, 99, 171)` looks like.

```
.text, #text, p{  
    color:rgb(221, 99, 171)  
}
```

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(221, 99, 171) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(221, 99, 171) }
```

Border

The CSS property to change the border of an element to XYZ 41.6313, 27.2361, 41.5910 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(221, 99, 171) }
```


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

```
.border{ border-color:rgb(221, 99, 171) }
```

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

Here you see how a box with a 4 pixel rgb(221, 99, 171) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(221, 99, 171); -webkit-box-  
shadow:4px 4px 4px 4px rgb(221, 99, 171);  
box-shadow:4px 4px 4px 4px rgb(221, 99,  
171) }
```

Background

The CSS property to change the background color of an element to XYZ 41.6313, 27.2361, 41.5910 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(221, 99, 171) }
```

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

```
.background{ background-color: rgb(221, 99,  
171) }
```

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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