

Converting Colors

XYZ(29.6038, 15.3951, 47.4139)

Have a look what the booklet for
XYZ(29.6038, 15.3951, 47.4139)
contains.

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Color

**XYZ(29.5233, 15.3347,
47.3028)**

Conversions

Conversions Part 1

Format	Color
Hex	B928B9
RGB	185, 40, 185
RGB Percent	73%, 16%, 73%
CMY	0.2745, 0.8431, 0.2745
CMYK	0.00, 0.78, 0.00, 0.27
HSL	300°, 64%, 44%
HSV	300°, 78%, 73%
XYZ	29.5233, 15.3347, 47.3028
YIQ	99.8850, 39.8750, 75.8350

Conversions

Conversions Part 2

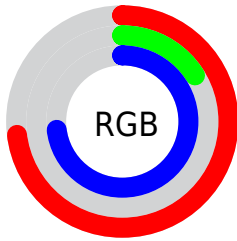
Format	Color
R_{YB}	185, 40, 185
Decimal	12134585
CIE _{Lab}	46.09, 70.99, -44.42
CIE _{LCh}	46, 83.747, 327.964
Yxy	15.3347, 0.3203, 0.1664
Android (android.graphics.Color)	4290324665 (0xFFB928B9)
YUV	99.8850, 41.9617, 74.6459
Hunter-Lab	39.1595, 66.0461, -44.2077

Details

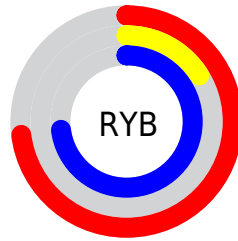
The XYZ color **29.5233, 15.3347, 47.3028** is a dark color, and the websafe version is hex **CC33CC**. A complement of this color would be **18.6078, 35.3029, 7.8418**, and the grayscale version is **11.9747, 12.5983, 13.7195**.

A 20% lighter version of the original color is **58.1855, 35.3444, 87.7598**, and **12.9988, 6.2279, 21.9897** is the 20% darker color. If you saturate the color by 10%, you get **29.0424, 14.3724, 47.1426**, and if you desaturate by 10%, it is **30.3037, 16.8949, 47.5631**.

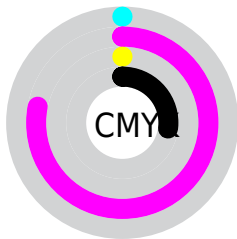
Distribution



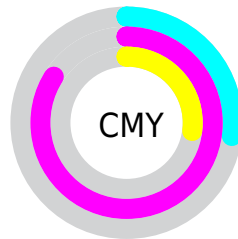
- Red (73%)
- Green (16%)
- Blue (73%)



- Red (73%)
- Yellow (16%)
- Blue (73%)



- Cyan (0%)
- Magenta (78%)
- Yellow (0%)
- Black (27%)



- Cyan (27%)
- Magenta (84%)
- Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 29.5233, 15.3347, 47.3028 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 29.5233, 15.3347, 47.3028 by changing the saturation by 10% instead.

■ 29.5233, 15.3347,
47.3028

■ 29.5233, 15.3347,
47.3028

291.6259,
225.3832, 392.4506

■ 19.6233, 9.0546,
32.9190

■ 58.2993, 35.4393,
87.5201

■ 12.2282, 4.7768,
21.7938

■ 77.9060, 50.0326,
114.1908

■ 6.9726, 2.1169,
13.5086

■ 101.4790, 68.1657,
145.7942

■ 3.4911, 0.6741,
7.6449

■ 129.3837, 90.2231,
182.7488

■ 1.4185, 0.0000,
3.7841

■ 161.9854,
116.5892, 225.4732

■ 0.2693, 0.0000,
1.5076

■ 199.6494,

■ 0.0000, 0.0000,

147.6483, 274.3859

0.2236

242.7411,
183.7848, 329.9056

■ 0.0000, 0.0000,
0.0000

■ 29.5233, 15.3347,
47.3028

■ 29.5233, 15.3347,
47.3028

■ 29.0424, 14.3724,
47.1426

■ 30.3037, 16.8949,
47.5631

■ 28.7974, 13.8825,
47.0609

■ 31.4194, 19.1263,
47.9350

■ 28.7648, 13.8172,
47.0500

■ 32.9031, 22.0937,
48.4296

■ 34.7832, 25.8540,
49.0564

■ 37.0854, 30.4583,
49.8238

■ 39.8330, 35.9536,
50.7397

■ 43.0479, 42.3832,
51.8113

■ 46.7502, 49.7879,
53.0455

■ 50.9592, 58.2058,
54.4485

Harmonies

Analogous

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



21.9788, 15.3347, 80.7320



29.5233, 15.3347, 47.3028



32.9714, 15.3347, 18.1282

Triad

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



29.5233, 15.3347, 47.3028



15.0667, 15.3347, 0.0000



5.5224, 15.3347, 42.6371

Complementary

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



29.5233, 15.3347, 47.3028



18.6078, 35.3029, 7.8418

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.



4.7315, 15.3347, 15.3430



29.5233, 15.3347, 47.3028



9.0545, 15.3347, 0.3842

Square

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



29.5233, 15.3347, 47.3028



23.1047, 15.3347, 0.5922



5.7809, 15.3347, 3.3431



8.4552, 15.3347, 76.8161

Rectangle

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



29.5233, 15.3347, 47.3028



31.8498, 15.3347, 7.2926



5.7809, 15.3347, 3.3431



5.0494, 15.3347, 31.9334

Sweetspot

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



29.5239, 15.3354, 47.3031



68.2802, 58.2726, 89.8534



10.3916, 5.4723, 46.4080



14.3619, 11.8465, 19.2512



88.6918, 93.3107, 101.6153



17.8044, 18.7317, 20.3988

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



29.5239, 15.3354, 47.3031



51.6792, 25.0707, 84.3193



23.7197, 13.0137, 16.7388



9.3810, 9.1628, 11.3536



19.5860, 9.4082, 32.0365



0.6905, 0.3317, 1.1294

Inverse Universe

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



29.5239, 15.3354, 47.3031



51.6792, 25.0707, 84.3193



21.1774, 36.3307, 21.3735



9.3810, 9.1628, 11.3536



19.5860, 9.4082, 32.0365



0.6905, 0.3317, 1.1294

Previews

White Background



This preview shows how the XYZ color 29.5233, 15.3347, 47.3028 looks on a white background.

Color Contrast Check

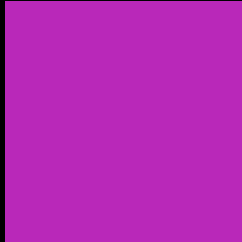
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



This preview shows how the XYZ color 29.5233, 15.3347, 47.3028 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

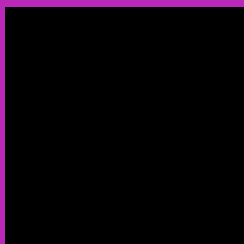
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 29.5233, 15.3347, 47.3028

Background



This preview shows how black text looks on a background with the XYZ color 29.5233, 15.3347, 47.3028.



This preview shows how white text looks on a background with the XYZ color 29.5233, 15.3347,

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

29.5233, 15.3347, 47.3028

Protanopia

18.7446, 15.7443, 73.2852

Deuteranopia

16.0614, 15.6635, 42.7343



Tritanopia

21.9639, 15.3919, 10.4076

Trichromacy



Original Color

29.5233, 15.3347, 47.3028



Protanomaly

16.9649, 11.8810, 62.3719



Deuteranomaly

18.3246, 13.3291, 44.2548



Tritanomaly

23.7016, 14.6260, 19.6631

Monochromacy



Original Color

29.5233, 15.3347, 47.3028



Achromatopsia

12.1130, 12.7438, 13.8780



Achromatomaly

16.1812, 11.9128, 22.9193

CSS Examples

Text

The CSS property to change the color of the text to XYZ 29.5233, 15.3347, 47.3028 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(185, 40, 185)` looks like.

```
.text, #text, p{  
    color:rgb(185, 40, 185)  
}
```

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(185, 40, 185) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(185, 40, 185) }
```

Border

The CSS property to change the border of an element to XYZ 29.5233, 15.3347, 47.3028 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(185, 40, 185) }
```


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

```
.border{ border-color:rgb(185, 40, 185) }
```

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

Here you see how a box with a 4 pixel `rgb(185, 40, 185)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(185, 40, 185); -webkit-box-  
shadow:4px 4px 4px 4px rgb(185, 40, 185);  
box-shadow:4px 4px 4px 4px rgb(185, 40,  
185) }
```

Background

The CSS property to change the background color of an element to XYZ 29.5233, 15.3347, 47.3028 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(185, 40, 185) }
```

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

```
.background{ background-color: rgb(185, 40,  
185) }
```

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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