

Converting Colors

XYZ(29.7895, 19.3757, 16.1467)

Have a look what the booklet for
XYZ(29.7895, 19.3757, 16.1467)
contains.

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Color

**XYZ(29.6837, 19.3639,
16.0830)**

Conversions

Conversions Part 1

Format	Color
Hex	C9516B
RGB	201, 81, 107
RGB Percent	79%, 32%, 42%
CMY	0.2118, 0.6823, 0.5804
CMYK	0.00, 0.60, 0.47, 0.21
HSL	347°, 53%, 55%
HSV	347°, 60%, 79%
XYZ	29.6837, 19.3639, 16.0830
YIQ	119.8440, 63.1740, 33.5260

Conversions

Conversions Part 2

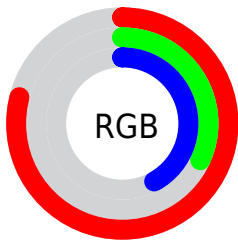
Format	Color
R_{YB}	201, 81, 107
Decimal	13193579
CIE _{Lab}	51.11, 49.96, 9.99
CIE _{LCh}	51, 50.951, 11.302
Yxy	19.3639, 0.4558, 0.2973
Android (android.graphics.Color)	4291383659 (0xFFC9516B)
YUV	119.8440, -6.3321, 71.1738
Hunter-Lab	44.0044, 43.4015, 9.1334

Details

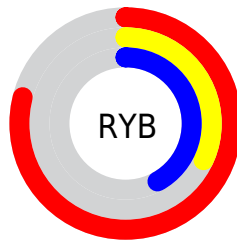
The XYZ color **29.6837, 19.3639, 16.0830** is a dark color, and the websafe version is hex **CC3366**. The color can be described as dark muted rose. A complement of this color would be **32.0191, 46.6183, 47.8714**, and the grayscale version is **17.8090, 18.7364, 20.4040**.

A 20% lighter version of the original color is **56.0755, 41.0566, 37.3170**, and **12.2773, 6.6898, 4.9191** is the 20% darker color. If you saturate the color by 10%, you get **27.6505, 16.5048, 11.6836**, and if you desaturate by 10%, it is **32.3107, 23.1694, 21.4249**.

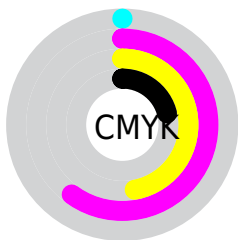
Distribution



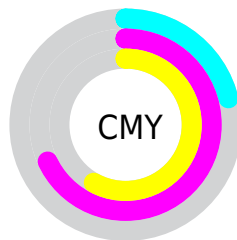
- Red (79%)
- Green (32%)
- Blue (42%)



- Red (79%)
- Yellow (32%)
- Blue (42%)



- Cyan (0%)
- Magenta (60%)
- Yellow (47%)
- Black (21%)





- Cyan (21%)
- Magenta (68%)
- Yellow (58%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 29.6837, 19.3639, 16.0830 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 29.6837, 19.3639, 16.0830 by changing the saturation by 10% instead.


 29.6837, 19.3639,
16.0830


 29.6837, 19.3639,
16.0830


292.3637,
248.4504, 241.6934


 19.7455, 11.9335,
9.4279


 58.5517, 42.3481,
37.5110


 12.3174, 6.6984,
4.9207


 78.2122, 58.6707,
53.1211


 7.0339, 3.2742,
2.1429


 101.8442, 78.7262,
72.5531

 3.5299, 1.2765,
0.6411

 129.8130,
102.8989, 96.2258

 1.4398, 0.1229,
0.0000

 162.4840,
131.5733, 124.5577

 0.2843, 0.0000,
0.0000

200.2225,

 0.0000, 0.0000,

165.1338, 157.9672

0.0000

243.3940,
203.9647, 196.8729

■ 29.6837, 19.3639,
16.0830

■ 29.6837, 19.3639,
16.0830

■ 27.6505, 16.5048,
11.6836

■ 32.3107, 23.1694,
21.4249

■ 26.1612, 14.5051,
8.1692

■ 35.5731, 27.9919,
27.7601

■ 25.1596, 13.2669,
5.4769

■ 39.5102, 33.8989,
35.1366

■ 24.5489, 12.6127,
3.5252

■ 44.1577, 40.9514,
43.5992

■ 24.5334, 12.5959,
3.4762

■ 49.5487, 49.2055,
53.1899

■ 55.7144, 58.7138,
63.9485

■ 62.6841, 69.5258,
75.9126

■ 70.4854, 81.6882,
89.1186

■ 76.9015, 90.7592,
102.8531

Harmonies

Analogous

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



29.2394, 19.3639, 31.3330



29.6837, 19.3639, 16.0830



26.7204, 19.3639, 7.5258

Triad

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



29.6837, 19.3639, 16.0830



12.7031, 19.3639, 6.3184



15.4597, 19.3639, 60.0012

Complementary

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



29.6837, 19.3639, 16.0830



32.0191, 46.6183, 47.8714

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.



12.0228, 19.3639, 45.3282



29.6837, 19.3639, 16.0830



10.6442, 19.3639, 13.3560

Square

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



29.6837, 19.3639, 16.0830



16.5639, 19.3639, 3.8676



10.4204, 19.3639, 27.0271



20.3773, 19.3639, 61.8882

Rectangle

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



29.6837, 19.3639, 16.0830



23.4811, 19.3639, 4.8743



10.4204, 19.3639, 27.0271



14.1186, 19.3639, 56.1672

Sweetspot

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



29.6842, 19.3649, 16.0833



76.8569, 72.0268, 76.8994



31.1651, 19.2171, 57.3250



15.9086, 14.5905, 15.4847



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.



29.6842, 19.3649, 16.0833



46.3975, 26.9690, 17.8489



31.7042, 25.2743, 10.9934



10.7263, 10.6739, 11.5422



15.4539, 7.9311, 2.3341



0.7595, 0.3866, 0.2567

Inverse Universe

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



29.6842, 19.3649, 16.0833



46.3975, 26.9690, 17.8489



27.7556, 33.6048, 60.2818



10.7263, 10.6739, 11.5422



15.4539, 7.9311, 2.3341



0.7595, 0.3866, 0.2567

Previews

White Background



This preview shows how the XYZ color 29.6837, 19.3639, 16.0830 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 29.6837, 19.3639, 16.0830 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

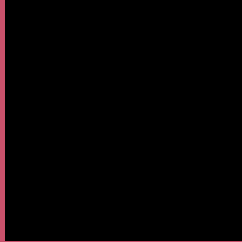
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 29.6837, 19.3639, 16.0830

Background



This preview shows how black text looks on a background with the XYZ color 29.6837, 19.3639, 16.0830.



This preview shows how white text looks on a background with the XYZ color 29.6837, 19.3639,

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

29.6837, 19.3639, 16.0830

Protanopia

19.0904, 19.7150, 23.5681

Deuteranopia

19.8119, 19.5592, 15.0430



Tritanopia

28.8352, 19.3582, 11.8896

Trichromacy



Original Color

29.6837, 19.3639, 16.0830

Protanomaly

21.4714, 18.4752, 20.5236

Deuteranomaly

22.6040, 18.8690, 15.2827

Tritanomaly

29.0240, 19.3104, 13.2639

Monochromacy



Original Color

29.6837, 19.3639, 16.0830

Achromatopsia

17.8524, 18.7821, 20.4537

Achromatomaly

20.6430, 17.9354, 18.5935

CSS Examples

Text

The CSS property to change the color of the text to XYZ 29.6837, 19.3639, 16.0830 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(201, 81, 107)` looks like.

```
.text, #text, p{  
    color:rgb(201, 81, 107)  
}
```

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(201, 81, 107) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(201, 81, 107) }
```

Border

The CSS property to change the border of an element to XYZ 29.6837, 19.3639, 16.0830 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(201, 81, 107) }
```


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

```
.border{ border-color:rgb(201, 81, 107) }
```

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

Here you see how a box with a 4 pixel `rgb(201, 81, 107)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(201, 81, 107); -webkit-box-  
shadow:4px 4px 4px 4px rgb(201, 81, 107);  
box-shadow:4px 4px 4px 4px rgb(201, 81,  
107) }
```

Background

The CSS property to change the background color of an element to XYZ 29.6837, 19.3639, 16.0830 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(201, 81, 107) }
```

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

```
.background{ background-color: rgb(201, 81,  
107) }
```

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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