

Converting Colors

XYZ(32.5779, 16.6889, 35.7516)

Have a look what the booklet for
XYZ(32.5779, 16.6889, 35.7516)
contains.

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Color

**XYZ(32.6931, 16.7528,
35.6929)**

Conversions

Conversions Part 1

Format	Color
Hex	CF1DA2
RGB	207, 29, 162
RGB Percent	81%, 11%, 64%
CMY	0.1882, 0.8862, 0.3647
CMYK	0.00, 0.86, 0.22, 0.19
HSL	315°, 75%, 46%
HSV	315°, 86%, 81%
XYZ	32.6931, 16.7528, 35.6929
YIQ	97.3840, 63.3950, 79.0990

Conversions

Conversions Part 2

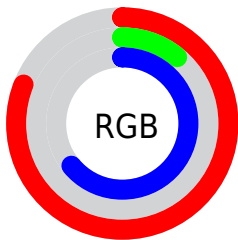
Format	Color
R_{YB}	207, 29, 162
Decimal	13573538
CIE _{Lab}	47.95, 74.70, -27.65
CIE _{LCh}	48, 79.648, 339.688
Yxy	16.7528, 0.3840, 0.1968
Android (android.graphics.Color)	4291763618 (0xFFCF1DA2)
YUV	97.3840, 31.8557, 96.1332
Hunter-Lab	40.9302, 70.9496, -23.0523

Details

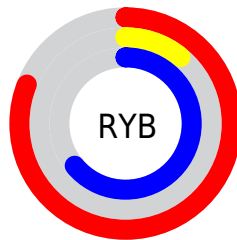
The XYZ color **32.6931, 16.7528, 35.6929** is a dark color, and the websafe version is hex **CC0099**. The color can be described as dark washed rose. A complement of this color would be **24.0567, 45.3820, 13.9733**, and the grayscale version is **11.3720, 11.9642, 13.0291**.

A 20% lighter version of the original color is **58.3216, 35.3841, 69.4016**, and **15.0272, 7.4217, 15.3924** is the 20% darker color. If you saturate the color by 10%, you get **31.8884, 15.8724, 33.1769**, and if you desaturate by 10%, it is **33.8575, 18.3212, 38.4246**.

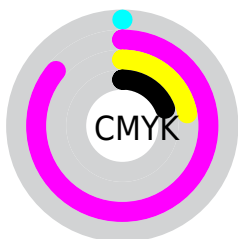
Distribution



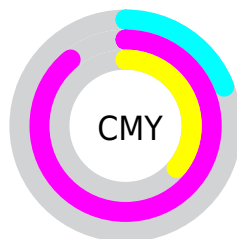
- Red (81%)
- Green (11%)
- Blue (64%)



- Red (81%)
- Yellow (11%)
- Blue (64%)



- Cyan (0%)
- Magenta (86%)
- Yellow (22%)
- Black (19%)





- Cyan (19%)
- Magenta (89%)
- Yellow (36%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 32.6931, 16.7528, 35.6929 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 32.6931, 16.7528, 35.6929 by changing the saturation by 10% instead.


 32.6931, 16.7528,
35.6929


 32.6931, 16.7528,
35.6929


305.9541,
233.7438, 342.6130


 22.0496, 10.0584,
23.9093


 63.2540, 37.9003,
69.7215


 14.0101, 5.4377,
15.0548


 83.9020, 53.1221,
92.8036


 8.2095, 2.5063,
8.7108


 108.6156, 71.9552,
120.4889

 4.2822, 0.8798,
4.4588

 137.7601, 94.7840,
153.1960

 1.8630, 0.0000,
1.8803

 171.7008,
121.9929, 191.3434

 0.5552, 0.0000,
0.4801

 210.8031,

 0.0000, 0.0000,

153.9662, 235.3497

0.0000

255.4324,
191.0884, 285.6334

■ 32.6931, 16.7528,
35.6929

■ 32.6931, 16.7528,
35.6929

■ 31.8884, 15.8724,
33.1769

■ 33.8575, 18.3212,
38.4246

■ 31.6205, 15.6207,
32.2111

■ 35.4400, 20.6947,
41.3922

■ 37.4893, 23.9700,
44.6132

■ 40.0468, 28.2297,
48.1024

■ 43.1491, 33.5468,
51.8733

■ 46.8297, 39.9874,
55.9378

■ 51.1189, 47.6123,
60.3073

■ 56.0452, 56.4778,
64.9922

■ 61.6350, 66.6367,
70.0023

Harmonies

Analogous

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



26.4647, 16.7528, 68.7079



32.6931, 16.7528, 35.6929



33.7734, 16.7528, 12.3644

Triad

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



32.6931, 16.7528, 35.6929



13.7113, 16.7528, 0.2905



7.4877, 16.7528, 56.9239

Complementary

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



32.6931, 16.7528, 35.6929



24.0567, 45.3820, 13.9733

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.



5.8241, 16.7528, 25.7350



32.6931, 16.7528, 35.6929



8.6347, 16.7528, 1.5975

Square

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



32.6931, 16.7528, 35.6929



21.2114, 16.7528, 0.5574



6.1691, 16.7528, 7.6717



11.5959, 16.7528, 86.1039

Rectangle

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



32.6931, 16.7528, 35.6929



31.1768, 16.7528, 4.8315



6.1691, 16.7528, 7.6717



6.6898, 16.7528, 45.6610

Sweetspot

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



32.6937, 16.7537, 35.6932



74.8406, 63.7133, 89.4251



14.4890, 6.8212, 59.5848



15.5555, 12.8222, 18.6413



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.



32.6937, 16.7537, 35.6932



50.5920, 25.0008, 51.1772



27.3917, 14.6329, 7.7736



12.1778, 11.9559, 14.2120



19.9621, 9.8577, 20.5042



1.1471, 0.5635, 1.3093

Inverse Universe

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



32.6937, 16.7537, 35.6932



50.5920, 25.0008, 51.1772



29.3867, 47.5140, 42.0403



12.1778, 11.9559, 14.2120



19.9621, 9.8577, 20.5042



1.1471, 0.5635, 1.3093

Previews

White Background



This preview shows how the XYZ color 32.6931, 16.7528, 35.6929 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



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

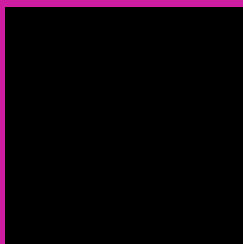
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 32.6931, 16.7528, 35.6929

Background



This preview shows how black text looks on a background with the XYZ color 32.6931, 16.7528, 35.6929.



This preview shows how white text looks on a background with the XYZ color 32.6931, 16.7528,

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

32.6931, 16.7528, 35.6929

Protanopia

20.2657, 17.3315, 72.7982

Deuteranopia

17.3983, 17.0805, 32.0856



Tritanopia

27.0562, 16.8815, 7.9633

Trichromacy



Original Color

32.6931, 16.7528, 35.6929



Protanomaly

19.3107, 13.1052, 56.7701



Deuteranomaly

20.1734, 14.1857, 33.1273



Tritanomaly

28.4976, 16.3548, 15.0194

Monochromacy



Original Color

32.6931, 16.7528, 35.6929



Achromatopsia

11.3621, 11.9538, 13.0177



Achromatomaly

16.0851, 11.3336, 19.4290

CSS Examples

Text

The CSS property to change the color of the text to XYZ 32.6931, 16.7528, 35.6929 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(207, 29, 162)` looks like.

```
.text, #text, p{  
    color:rgb(207, 29, 162)  
}
```

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(207, 29, 162) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(207, 29, 162) }
```

Border

The CSS property to change the border of an element to XYZ 32.6931, 16.7528, 35.6929 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(207, 29, 162) }
```


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

```
.border{ border-color:rgb(207, 29, 162) }
```

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

Here you see how a box with a 4 pixel `rgb(207, 29, 162)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(207, 29, 162); -webkit-box-  
shadow:4px 4px 4px 4px rgb(207, 29, 162);  
box-shadow:4px 4px 4px 4px rgb(207, 29,  
162) }
```

Background

The CSS property to change the background color of an element to XYZ 32.6931, 16.7528, 35.6929 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(207, 29, 162) }
```

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

```
.background{ background-color: rgb(207, 29,  
162) }
```

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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