

Converting Colors

XYZ(27.6792, 16.6509, 17.9191)

Have a look what the booklet for
XYZ(27.6792, 16.6509, 17.9191)
contains.

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Color

**XYZ(27.6929, 16.6404,
17.9720)**

Conversions

Conversions Part 1

Format	Color
Hex	C44073
RGB	196, 64, 115
RGB Percent	77%, 25%, 45%
CMY	0.2314, 0.7490, 0.5490
CMYK	0.00, 0.67, 0.41, 0.23
HSL	337°, 53%, 51%
HSV	337°, 67%, 77%
XYZ	27.6929, 16.6404, 17.9720
YIQ	109.2820, 62.3010, 43.8450

Conversions

Conversions Part 2

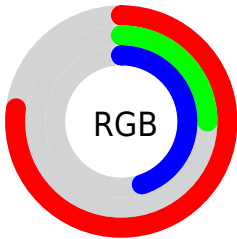
Format	Color
R_{YB}	196, 64, 115
Decimal	12861555
CIE _{Lab}	47.80, 56.46, 0.30
CIE _{LCh}	48, 56.457, 0.302
Yxy	16.6404, 0.4445, 0.2671
Android (android.graphics.Color)	4291051635 (0xFFC44073)
YUV	109.2820, 2.8190, 76.0517
Hunter-Lab	40.7926, 49.7911, 2.4335

Details

The XYZ color **27.6929, 16.6404, 17.9720** 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 **26.9663, 42.6147, 33.5954**, and the grayscale version is **14.5967, 15.3568, 16.7236**.

A 20% lighter version of the original color is **54.9315, 37.4830, 40.8989**, and **11.3296, 5.7236, 5.8178** is the 20% darker color. If you saturate the color by 10%, you get **26.1277, 14.5464, 14.2554**, and if you desaturate by 10%, it is **29.7376, 19.5488, 22.2943**.

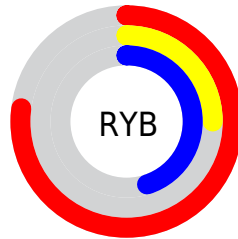
Distribution



Red (77%)

Green (25%)

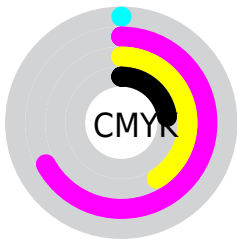
Blue (45%)



Red (77%)

Yellow (25%)

Blue (45%)

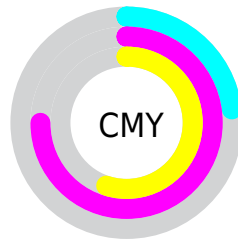


Cyan (0%)

Magenta (67%)

Yellow (41%)

Black (23%)



Cyan (23%)


Magenta (75%)


Yellow (55%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 27.6929, 16.6404, 17.9720 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 27.6929, 16.6404, 17.9720 by changing the saturation by 10% instead.


 27.6929, 16.6404,
17.9720


 27.6929, 16.6404,
17.9720


283.1033,
233.0915, 252.9440


 18.2336, 9.9784,
10.7607


 55.4058, 37.7065,
40.8029

 11.2185, 5.3847,
5.7940


 74.3902, 52.8793,
57.2595


 6.2824, 2.4747,
2.6535


 97.2802, 71.6580,
77.6350

 3.0598, 0.8639,
0.9199

 124.4413, 94.4268,
102.3479

 1.1855, 0.0000,
0.0000

 156.2388,
121.5702, 131.8167

 0.0949, 0.0000,
0.0000

193.0380,

 0.0000, 0.0000,

153.4725, 166.4599

0.0000

235.2044,
190.5181, 206.6962

■ 27.6929, 16.6404,
17.9720

■ 27.6929, 16.6404,
17.9720

■ 26.1277, 14.5464,
14.2554

■ 29.7376, 19.5488,
22.2943

■ 24.9944, 13.1772,
11.1111

■ 32.3003, 23.3435,
27.2510

■ 24.2297, 12.4121,
8.5000

■ 35.4169, 28.0913,
32.8696

■ 24.0598, 12.2537,
7.8837

■ 39.1197, 33.8519,
39.1753

■ 43.4384, 40.6800,
46.1923

■ 48.4005, 48.6265,
53.9431

■ 54.0318, 57.7389,
62.4493

■ 60.3568, 68.0619,
71.7316

■ 67.3987, 79.6379,
81.8097

Harmonies

Analogous

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



25.8757, 16.6404, 35.7510



27.6929, 16.6404, 17.9720



25.8045, 16.6404, 7.3735

Triad

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



27.6929, 16.6404, 17.9720



11.3931, 16.6404, 3.1294



11.4646, 16.6404, 54.7582

Complementary

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



27.6929, 16.6404, 17.9720



26.9663, 42.6147, 33.5954

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.



8.8089, 16.6404, 36.1529



27.6929, 16.6404, 17.9720



8.7742, 16.6404, 7.5142

Square

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



27.6929, 16.6404, 17.9720



15.7649, 16.6404, 2.0901



7.9385, 16.6404, 18.2659



15.8676, 16.6404, 62.7795

Rectangle

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



27.6929, 16.6404, 17.9720



22.8893, 16.6404, 4.0147



7.9385, 16.6404, 18.2659



10.3747, 16.6404, 49.1735

Sweetspot

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



27.6934, 16.6413, 17.9723



76.2471, 69.8114, 79.7661



23.1606, 13.5110, 53.6118



15.8379, 14.1796, 16.2917



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.



27.6934, 16.6413, 17.9723



46.2280, 24.9759, 22.8915



26.3590, 17.4429, 6.8293



10.2307, 10.1409, 11.3052



15.4988, 7.8893, 5.2725



0.7034, 0.3544, 0.4056

Inverse Universe

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



27.6934, 16.6413, 17.9723



46.2280, 24.9759, 22.8915



28.9711, 38.8607, 58.1985



10.2307, 10.1409, 11.3052



15.4988, 7.8893, 5.2725



0.7034, 0.3544, 0.4056

Previews

White Background



This preview shows how the XYZ color 27.6929, 16.6404, 17.9720 looks on a white background.

Color Contrast Check

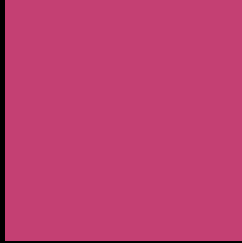
Large Text (above 18pt) WCAG AA ✓ Pass

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 27.6929, 16.6404, 17.9720 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 27.6929, 16.6404, 17.9720

Background



This preview shows how black text looks on a background with the XYZ color 27.6929, 16.6404, 17.9720.



This preview shows how white text looks on a background with the XYZ color 27.6929, 16.6404,

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

27.6929, 16.6404, 17.9720

Protanopia

16.9598, 16.9188, 29.1598

Deuteranopia

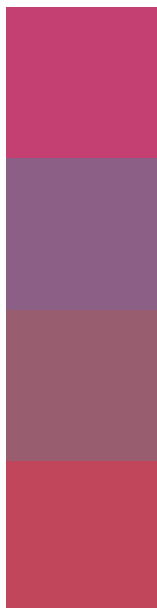
17.0351, 16.7466, 16.5219



Tritanopia

25.7144, 16.6384, 8.8774

Trichromacy



Original Color

27.6929, 16.6404, 17.9720

Protanomaly

19.0427, 15.3946, 24.5221

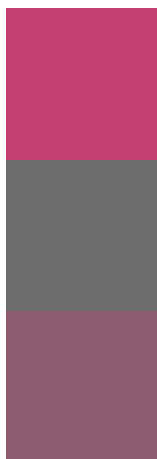
Deuteranomaly

19.7325, 15.6518, 17.0200

Tritanomaly

26.3266, 16.6050, 11.7150

Monochromacy



Original Color

27.6929, 16.6404, 17.9720

Achromatopsia

14.5356, 15.2926, 16.6537

Achromatomaly

17.7681, 14.6391, 16.9281

CSS Examples

Text

The CSS property to change the color of the text to XYZ 27.6929, 16.6404, 17.9720 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(196, 64, 115)` looks like.

```
.text, #text, p{  
    color:rgb(196, 64, 115)  
}
```

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(196, 64, 115) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(196, 64, 115) }
```

Border

The CSS property to change the border of an element to XYZ 27.6929, 16.6404, 17.9720 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(196, 64, 115) }
```


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

```
.border{ border-color:rgb(196, 64, 115) }
```

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

Here you see how a box with a 4 pixel `rgb(196, 64, 115)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(196, 64, 115); -webkit-box-  
shadow:4px 4px 4px 4px rgb(196, 64, 115);  
box-shadow:4px 4px 4px 4px rgb(196, 64,  
115) }
```

Background

The CSS property to change the background color of an element to XYZ 27.6929, 16.6404, 17.9720 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(196, 64, 115) }
```

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

```
.background{ background-color: rgb(196, 64,  
115) }
```

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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