

Converting Colors

XYZ(27.1986, 16.9538, 16.3069)

Have a look what the booklet for
XYZ(27.1986, 16.9538, 16.3069)
contains.

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Color

**XYZ(27.1986, 16.9538,
16.3069)**

Conversions

Conversions Part 1

| Format | Color |
|---------------|----------------------------|
| Hex | C2466D |
| RGB | 194, 70, 109 |
| RGB Percent | 76%, 27%, 43% |
| CMY | 0.2392, 0.7255, 0.5725 |
| CMYK | 0.00, 0.64, 0.44, 0.24 |
| HSL | 341°, 50%, 52% |
| HSV | 341°, 64%, 76% |
| XYZ | 27.1986, 16.9538, 16.3069 |
| YIQ | 111.5220, 61.3850, 38.4170 |

Conversions

Conversions Part 2

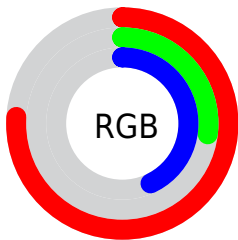
| Format | Color |
|-------------------------------------|-------------------------------|
| R_{YB} | 194, 70, 109 |
| Decimal | 12732013 |
| CIE _{Lab} | 48.20, 52.76, 4.48 |
| CIE _{LCh} | 48, 52.946, 4.856 |
| Yxy | 16.9538, 0.4499, 0.2804 |
| Android (android.graphics.Color) | 4290922093 (0xFFC2466D) |
| YUV | 111.5220, -1.2433, 72.3332 |
| Hunter-Lab | 41.1750, 45.8539, 5.3413 |

Details

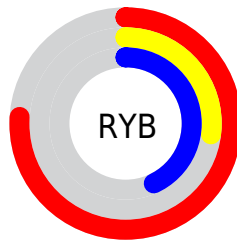
The XYZ color **27.1986, 16.9538, 16.3069** is a dark color, and the websafe version is hex **CC3366**. The color can be described as dark muted rose. A complement of this color would be **27.7350, 42.2526, 37.7072**, and the grayscale version is **15.2531, 16.0474, 17.4756**.

A 20% lighter version of the original color is **54.5518, 38.2761, 37.7705**, and **11.0228, 5.5820, 5.0539** is the 20% darker color. If you saturate the color by 10%, you get **25.5124, 14.6419, 12.4759**, and if you desaturate by 10%, it is **29.3859, 20.0947, 20.8397**.

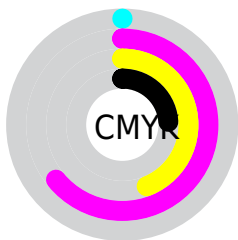
Distribution



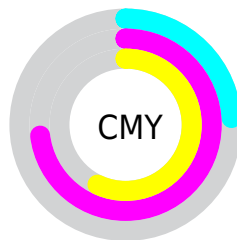
- Red (76%)
- Green (27%)
- Blue (43%)



- Red (76%)
- Yellow (27%)
- Blue (43%)



- Cyan (0%)
- Magenta (64%)
- Yellow (44%)
- Black (24%)





- Cyan (24%)
- Magenta (73%)
- Yellow (57%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 27.1986, 16.9538, 16.3069 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 27.1986, 16.9538, 16.3069 by changing the saturation by 10% instead.


 27.1986, 16.9538,
16.3069


 27.1986, 16.9538,
16.3069


280.7675,
234.9060, 243.0531


 17.8598, 10.2016,
9.5849


 54.6200, 38.2463,
37.9044


 10.9485, 5.5328,
5.0226


 73.4334, 53.5554,
53.6169


 6.0992, 2.5631,
2.2016


 96.1356, 72.4855,
73.1633

 2.9467, 0.9082,
0.6753

 123.0921, 95.4211,
96.9622

 1.1257, 0.0000,
0.0000

 154.6681,
122.7466, 125.4321

 0.0464, 0.0000,
0.0000

191.2291,

 0.0000, 0.0000,

154.8463, 158.9915

0.0000

233.1405,
192.1046, 198.0590

■ 27.1986, 16.9538,
16.3069

■ 27.1986, 16.9538,
16.3069

■ 25.5124, 14.6419,
12.4759

■ 29.3859, 20.0947,
20.8397

■ 24.2818, 13.0755,
9.3072

■ 32.1117, 24.1318,
26.1087

■ 23.4546, 12.1586,
6.7577

■ 35.4110, 29.1285,
32.1470

■ 23.0906, 11.8063,
5.4780

■ 39.3156, 35.1418,
38.9852

■ 43.8549, 42.2242,
46.6520

■ 49.0560, 50.4243,
55.1749

■ 54.9449, 59.7880,
64.5800

■ 61.5458, 70.3585,
74.8920

■ 68.8818, 82.1768,
86.1350

Harmonies

Analogous

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



26.0207, 16.9538, 32.1569



27.1986, 16.9538, 16.3069



24.9578, 16.9538, 7.0822

Triad

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



27.1986, 16.9538, 16.3069



11.3849, 16.9538, 4.1387



12.4950, 16.9538, 54.3200

Complementary

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



27.1986, 16.9538, 16.3069



27.7350, 42.2526, 37.7072

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.



9.6536, 16.9538, 38.1144



27.1986, 16.9538, 16.3069



9.1077, 16.9538, 9.3373

Square

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



27.1986, 16.9538, 16.3069



15.3437, 16.9538, 2.6469



8.5434, 16.9538, 20.7943



16.9098, 16.9538, 59.4313

Rectangle

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



27.1986, 16.9538, 16.3069



22.0460, 16.9538, 4.1669



8.5434, 16.9538, 20.7943



11.3548, 16.9538, 49.6964

Sweetspot

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



27.1991, 16.9547, 16.3072



74.8775, 69.3405, 76.8486



25.3951, 15.2187, 52.6378



15.8859, 14.3886, 15.9597



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.



27.1991, 16.9547, 16.3072



45.1658, 25.1487, 19.9876



27.2453, 19.6947, 8.1611



10.2008, 10.1289, 11.1478



15.2145, 7.7756, 3.7758



0.6891, 0.3487, 0.3304

Inverse Universe

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



27.1991, 16.9547, 16.3072



45.1658, 25.1487, 19.9876



26.8775, 34.4245, 56.2668



10.2008, 10.1289, 11.1478



15.2145, 7.7756, 3.7758



0.6891, 0.3487, 0.3304

Previews

White Background



This preview shows how the XYZ color 27.1986, 16.9538, 16.3069 looks on a white background.

Color Contrast Check

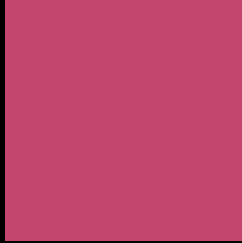
Large Text (above 18pt) WCAG AA ✓ Pass

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 27.1986, 16.9538, 16.3069 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

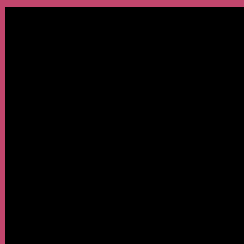
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 27.1986, 16.9538, 16.3069

Background



This preview shows how black text looks on a background with the XYZ color 27.1986, 16.9538, 16.3069.



This preview shows how white text looks on a background with the XYZ color 27.1986, 16.9538,

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

27.1986, 16.9538, 16.3069

Protanopia

16.9460, 17.1634, 25.3414

Deuteranopia

17.4927, 17.1734, 15.2248



Tritanopia

25.8079, 16.9694, 9.6998

Trichromacy



Original Color

27.1986, 16.9538, 16.3069

Protanomaly

19.1181, 15.9044, 21.8009

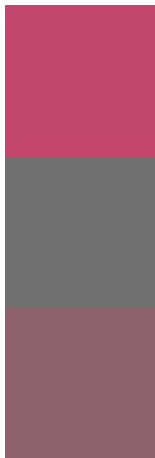
Deuteranomaly

20.0591, 16.2557, 15.4450

Tritanomaly

26.3294, 16.9903, 11.7893

Monochromacy



Original Color

27.1986, 16.9538, 16.3069

Achromatopsia

15.4009, 16.2029, 17.6450

Achromatomaly

18.2993, 15.4479, 17.0562

CSS Examples

Text

The CSS property to change the color of the text to XYZ 27.1986, 16.9538, 16.3069 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(194, 70, 109)` looks like.

```
.text, #text, p{  
    color:rgb(194, 70, 109)  
}
```

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(194, 70, 109) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 70, 109) }
```

Border

The CSS property to change the border of an element to XYZ 27.1986, 16.9538, 16.3069 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(194, 70, 109) }
```


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

```
.border{ border-color:rgb(194, 70, 109) }
```

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

Here you see how a box with a 4 pixel `rgb(194, 70, 109)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(194, 70, 109); -webkit-box-shadow:4px 4px 4px 4px rgb(194, 70, 109); box-shadow:4px 4px 4px 4px rgb(194, 70, 109) }
```

Background

The CSS property to change the background color of an element to XYZ 27.1986, 16.9538, 16.3069 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 70, 109) }
```

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

```
.background{ background-color: rgb(194, 70,  
109) }
```

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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