

Converting Colors

XYZ(26.9374, 17.1508, 17.5268)

Have a look what the booklet for
XYZ(26.9374, 17.1508, 17.5268)
contains.

XYZ(26.9153, 17.1662, 17.5176)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(26.9153, 17.1662,
17.5176)**

Conversions

Conversions Part 1

Format	Color
Hex	BF4A71
RGB	191, 74, 113
RGB Percent	75%, 29%, 44%
CMY	0.2510, 0.7098, 0.5569
CMYK	0.00, 0.61, 0.41, 0.25
HSL	340°, 48%, 52%
HSV	340°, 61%, 75%
XYZ	26.9153, 17.1662, 17.5176
YIQ	113.4290, 57.2130, 36.9330

Conversions

Conversions Part 2

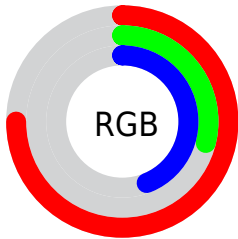
Format	Color
R_{YB}	191, 74, 113
Decimal	12536433
CIE Lab	48.47, 50.46, 2.38
CIE LCh	48, 50.513, 2.697
Yxy	17.1662, 0.4369, 0.2787
Android (android.graphics.Color)	4290726513 (0xFFBF4A71)
YUV	113.4290, -0.2115, 68.0298
Hunter-Lab	41.4321, 43.4517, 3.9345

Details

The XYZ color **26.9153, 17.1662, 17.5176** is a dark color, and the websafe version is hex **CC3366**. A complement of this color would be **27.1234, 40.9849, 36.1898**, and the grayscale version is **15.8129, 16.6365, 18.1171**.

A 20% lighter version of the original color is **54.2944, 38.6642, 40.1986**, and **10.7467, 5.6075, 5.5170** is the 20% darker color. If you saturate the color by 10%, you get **25.1608, 14.7252, 13.6405**, and if you desaturate by 10%, it is **29.1584, 20.4234, 22.0543**.

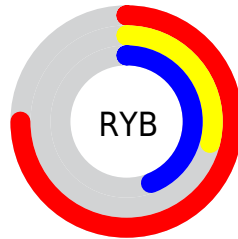
Distribution



Red (75%)

Green (29%)

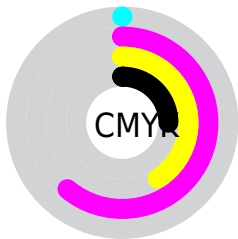
Blue (44%)



Red (75%)

Yellow (29%)

Blue (44%)

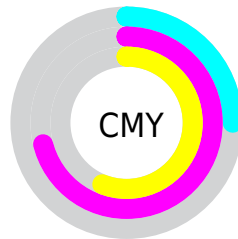


Cyan (0%)

Magenta (61%)

Yellow (41%)

Black (25%)



Cyan (25%)


Magenta (71%)


Yellow (56%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 26.9153, 17.1662, 17.5176 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 26.9153, 17.1662, 17.5176 by changing the saturation by 10% instead.


 26.9153, 17.1662,
17.5176


 26.9153, 17.1662,
17.5176


279.4218,
236.1283, 250.2819


 17.6459, 10.3531,
10.4384

 54.1688, 38.6113,
40.0164


 10.7942, 5.6337,
5.5812


 72.8835, 54.0121,
56.2730


 5.9949, 2.6236,
2.5275


 95.4774, 73.0442,
76.4258

 2.8826, 0.9386,
0.8547

 122.3159, 96.0920,
100.8934

 1.0920, 0.0000,
0.0000

 153.7642,
123.5399, 130.0942

 0.0184, 0.0000,
0.0000

190.1877,

 0.0000, 0.0000,

155.7723, 164.4469

0.0000

231.9518,
193.1737, 204.3699

■ 26.9153, 17.1662,
17.5176

■ 26.9153, 17.1662,
17.5176

■ 25.1608, 14.7252,
13.6405

■ 29.1584, 20.4234,
22.0543

■ 23.8531, 13.0233,
10.3879

■ 31.9243, 24.5590,
27.2807

■ 22.9449, 11.9735,
7.7223

■ 35.2458, 29.6325,
33.2264

■ 22.4016, 11.4427,
5.8279

■ 39.1524, 35.6972,
39.9186

■ 43.6713, 42.8025,
47.3830

■ 48.8283, 50.9944,
55.6440

■ 54.6474, 60.3162,
64.7251

■ 61.1515, 70.8087,
74.6485

■ 68.3623, 82.5109,
85.4358

Harmonies

Analogous

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



25.5682, 17.1662, 32.9857



26.9153, 17.1662, 17.5176



25.0076, 17.1662, 8.0284

Triad

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



26.9153, 17.1662, 17.5176



11.9660, 17.1662, 4.4023



12.5654, 17.1662, 51.7090

Complementary

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



26.9153, 17.1662, 17.5176



27.1234, 40.9849, 36.1898

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.



9.9152, 17.1662, 36.1122



26.9153, 17.1662, 17.5176



9.6179, 17.1662, 9.2696

Square

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



26.9153, 17.1662, 17.5176



15.9009, 17.1662, 3.0433



8.9443, 17.1662, 19.9158



16.7382, 17.1662, 57.4483

Rectangle

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



26.9153, 17.1662, 17.5176



22.3241, 17.1662, 4.8657



8.9443, 17.1662, 19.9158



11.4959, 17.1662, 47.1707

Sweetspot

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



26.9158, 17.1671, 17.5179



72.4077, 67.5126, 75.3160



24.8025, 15.3357, 50.9431



15.4016, 14.0447, 15.7053



92.9021, 97.7402, 106.4391



19.4759, 20.4902, 22.3138

Same Dimension

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



26.9158, 17.1671, 17.5179



44.0543, 25.0286, 22.0177



26.6810, 19.4887, 8.8352



9.6578, 9.5874, 10.5870



14.7558, 7.5335, 4.0078



0.6090, 0.3075, 0.3201

Inverse Universe

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



26.9158, 17.1671, 17.5179



44.0543, 25.0286, 22.0177



26.8863, 34.5332, 54.5387



9.6578, 9.5874, 10.5870



14.7558, 7.5335, 4.0078



0.6090, 0.3075, 0.3201

Previews

White Background



This preview shows how the XYZ color 26.9153, 17.1662, 17.5176 looks on a white background.

Color Contrast Check

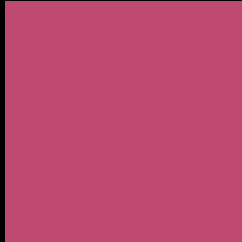
Large Text (above 18pt) WCAG AA ✓ Pass

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 26.9153, 17.1662, 17.5176 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 26.9153, 17.1662, 17.5176

Background



This preview shows how black text looks on a background with the XYZ color 26.9153, 17.1662, 17.5176.



This preview shows how white text looks on a background with the XYZ color 26.9153, 17.1662,

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

26.9153, 17.1662, 17.5176

Protanopia

17.2016, 17.4471, 26.1279

Deuteranopia

17.6539, 17.3957, 16.3372



Tritanopia

25.4946, 17.2120, 10.5729

Trichromacy



Original Color

26.9153, 17.1662, 17.5176

Protanomaly

19.2687, 16.2483, 22.5427

Deuteranomaly

20.0769, 16.5149, 16.5975

Tritanomaly

26.0252, 17.2222, 12.7790

Monochromacy



Original Color

26.9153, 17.1662, 17.5176

Achromatopsia

15.6958, 16.5132, 17.9829

Achromatomaly

18.4270, 15.7787, 17.6972

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.9153, 17.1662, 17.5176 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(191, 74, 113)` looks like.

```
.text, #text, p{  
    color:rgb(191, 74, 113)  
}
```

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(191, 74, 113) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(191, 74, 113) }
```

Border

The CSS property to change the border of an element to XYZ 26.9153, 17.1662, 17.5176 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(191, 74, 113) }
```


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

```
.border{ border-color:rgb(191, 74, 113) }
```

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

Here you see how a box with a 4 pixel rgb(191, 74, 113) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(191, 74, 113); -webkit-box-  
shadow:4px 4px 4px 4px rgb(191, 74, 113);  
box-shadow:4px 4px 4px 4px rgb(191, 74,  
113) }
```

Background

The CSS property to change the background color of an element to XYZ 26.9153, 17.1662, 17.5176 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(191, 74, 113) }
```

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

```
.background{ background-color: rgb(191, 74,  
113) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor