

Converting Colors

XYZ(27.4854, 18.8455, 19.9098)

Have a look what the booklet for
XYZ(27.4854, 18.8455, 19.9098)
contains.

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Color

**XYZ(27.5374, 18.8638,
19.9590)**

Conversions

Conversions Part 1

Format	Color
Hex	BC5778
RGB	188, 87, 120
RGB Percent	74%, 34%, 47%
CMY	0.2627, 0.6588, 0.5294
CMYK	0.00, 0.54, 0.36, 0.26
HSL	340°, 43%, 54%
HSV	340°, 54%, 74%
XYZ	27.5374, 18.8638, 19.9590
YIQ	120.9610, 49.6030, 31.6750

Conversions

Conversions Part 2

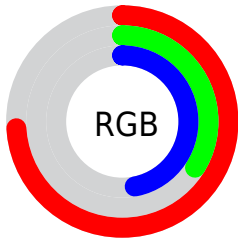
Format	Color
R_{YB}	188, 87, 120
Decimal	12343160
CIE _{Lab}	50.53, 44.09, 1.09
CIE _{LCh}	51, 44.107, 1.417
Yxy	18.8638, 0.4150, 0.2843
Android (android.graphics.Color)	4290533240 (0xFFBC5778)
YUV	120.9610, -0.4738, 58.7932
Hunter-Lab	43.4325, 37.1671, 3.1566

Details

The XYZ color **27.5374, 18.8638, 19.9590** is a dark color, and the websafe version is hex **CC6699**. A complement of this color would be **27.8311, 40.3597, 37.3360**, and the grayscale version is **18.1522, 19.0976, 20.7972**.

A 20% lighter version of the original color is **55.1822, 41.5089, 44.1333**, and **11.1018, 6.4372, 6.7883** is the 20% darker color. If you saturate the color by 10%, you get **25.4906, 15.9193, 15.7338**, and if you desaturate by 10%, it is **30.0832, 22.6435, 24.8519**.

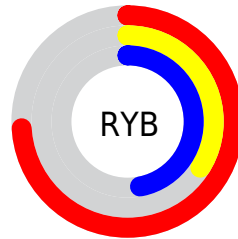
Distribution



Red (74%)

Green (34%)

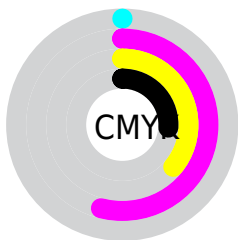
Blue (47%)



Red (74%)

Yellow (34%)

Blue (47%)

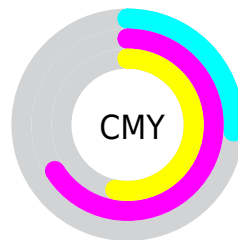


Cyan (0%)

Magenta (54%)

Yellow (36%)

Black (26%)



Cyan (26%)


Magenta (66%)


Yellow (53%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 27.5374, 18.8638, 19.9590 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 27.5374, 18.8638, 19.9590 by changing the saturation by 10% instead.


 27.5374, 18.8638,
19.9590


 27.5374, 18.8638,
19.9590


282.3701,
245.6958, 264.2900


 18.1159, 11.5719,
12.1815


 55.1589, 41.5038,
44.2065


 11.1334, 6.4529,
6.7433


 74.0895, 57.6207,
61.5135

 6.2246, 3.1224,
3.2261


 96.9206, 77.4481,
82.8342

 3.0241, 1.1960,
1.2112

 124.0175,
101.3704, 108.5869

 1.1665, 0.0584,
0.0000

155.7456,
129.7719, 139.1903

 0.0797, 0.0000,
0.0000

192.4701,

 0.0000, 0.0000,

163.0370, 175.0630

0.0000

234.5565,
201.5502, 216.6233

■ 27.5374, 18.8638,
19.9590

■ 27.5374, 18.8638,
19.9590

■ 25.4906, 15.9193,
15.7338

■ 30.0832, 22.6435,
24.8519

■ 23.9057, 13.7426,
12.1441

■ 33.1582, 27.3131,
30.4406

■ 22.7428, 12.2605,
9.1558

■ 36.7919, 32.9261,
36.7526

■ 21.9538, 11.3839,
6.7306

■ 41.0114, 39.5309,
43.8135

■ 21.5927, 11.0328,
5.4659

■ 45.8416, 47.1725,
51.6477

■ 51.3064, 55.8932,
60.2783

■ 57.4278, 65.7329,
69.7277

■ 64.2273, 76.7296,
80.0169

■ 71.3393, 88.1475,
91.0380

Harmonies

Analogous

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



26.2201, 18.8638, 34.0891



27.5374, 18.8638, 19.9590



25.9574, 18.8638, 10.4986

Triad

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



27.5374, 18.8638, 19.9590



13.9533, 18.8638, 6.2285



14.2554, 18.8638, 49.1630

Complementary

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



27.5374, 18.8638, 19.9590



27.8311, 40.3597, 37.3360

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.



11.7552, 18.8638, 35.5318



27.5374, 18.8638, 19.9590



11.6014, 18.8638, 11.1610

Square

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



27.5374, 18.8638, 19.9590



17.7256, 18.8638, 4.7912



10.8652, 18.8638, 21.1311



18.1349, 18.8638, 54.4995

Rectangle

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



27.5374, 18.8638, 19.9590



23.6000, 18.8638, 7.0271



10.8652, 18.8638, 21.1311



13.2489, 18.8638, 45.1873

Sweetspot

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



27.5379, 18.8648, 19.9593



72.2803, 68.4266, 76.0219



25.8761, 17.3511, 49.5623



15.1986, 14.1739, 15.7736



90.7827, 95.5105, 104.0109



18.6292, 19.5994, 21.3438

Same Dimension

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



27.5379, 18.8648, 19.9593



45.7698, 28.2502, 27.5866



27.3936, 21.2477, 11.6754



9.6552, 9.5864, 10.5734



14.7322, 7.5240, 3.8836



0.6079, 0.3070, 0.3143

Inverse Universe

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



27.5379, 18.8648, 19.9593



45.7698, 28.2502, 27.5866



27.6027, 34.8466, 52.8483



9.6552, 9.5864, 10.5734



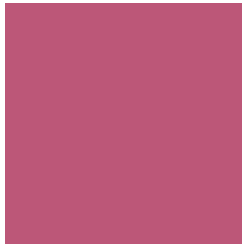
14.7322, 7.5240, 3.8836



0.6079, 0.3070, 0.3143

Previews

White Background



This preview shows how the XYZ color 27.5374, 18.8638, 19.9590 looks on a white background.

Color Contrast Check

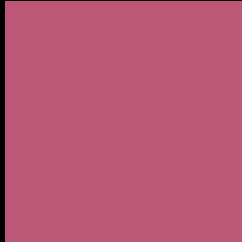
Large Text (above 18pt) WCAG AA ✓ Pass

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 27.5374, 18.8638, 19.9590 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

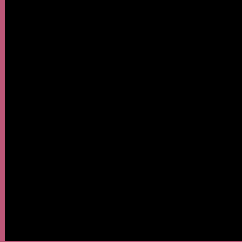
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 27.5374, 18.8638, 19.9590

Background



This preview shows how black text looks on a background with the XYZ color 27.5374, 18.8638, 19.9590.



This preview shows how white text looks on a background with the XYZ color 27.5374, 18.8638,

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

27.5374, 18.8638, 19.9590

Protanopia

18.7862, 19.1083, 27.5091

Deuteranopia

19.4475, 19.1113, 18.8835



Tritanopia

26.1954, 18.8031, 13.8040

Trichromacy



Original Color

27.5374, 18.8638, 19.9590

Protanomaly

20.9239, 18.2582, 24.6117

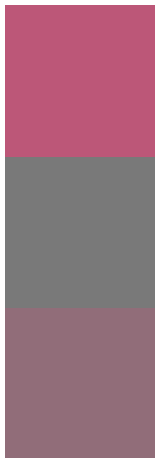
Deuteranomaly

21.6913, 18.4624, 19.2500

Tritanomaly

26.7512, 18.9177, 15.8772

Monochromacy



Original Color

27.5374, 18.8638, 19.9590

Achromatopsia

18.1737, 19.1202, 20.8219

Achromatomaly

20.5969, 18.3375, 20.5431

CSS Examples

Text

The CSS property to change the color of the text to XYZ 27.5374, 18.8638, 19.9590 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(188, 87, 120)` looks like.

```
.text, #text, p{  
    color:rgb(188, 87, 120)  
}
```

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(188, 87, 120) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(188, 87, 120) }
```

Border

The CSS property to change the border of an element to XYZ 27.5374, 18.8638, 19.9590 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(188, 87, 120) }
```


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

```
.border{ border-color:rgb(188, 87, 120) }
```

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

Here you see how a box with a 4 pixel `rgb(188, 87, 120)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(188, 87, 120); -webkit-box-  
shadow:4px 4px 4px 4px rgb(188, 87, 120);  
box-shadow:4px 4px 4px 4px rgb(188, 87,  
120) }
```

Background

The CSS property to change the background color of an element to XYZ 27.5374, 18.8638, 19.9590 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(188, 87, 120) }
```

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

```
.background{ background-color: rgb(188, 87,  
120) }
```

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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