

Converting Colors

XYZ(27.1962, 18.1491, 16.0078)

Have a look what the booklet for
XYZ(27.1962, 18.1491, 16.0078)
contains.

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Color

**XYZ(27.1570, 18.1725,
15.9862)**

Conversions

Conversions Part 1

Format	Color
Hex	BF526B
RGB	191, 82, 107
RGB Percent	75%, 32%, 42%
CMY	0.2510, 0.6784, 0.5804
CMYK	0.00, 0.57, 0.44, 0.25
HSL	346°, 46%, 54%
HSV	346°, 57%, 75%
XYZ	27.1570, 18.1725, 15.9862
YIQ	117.4410, 56.9390, 30.8830

Conversions

Conversions Part 2

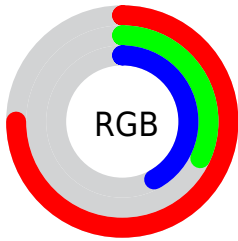
Format	Color
R_{YB}	191, 82, 107
Decimal	12538475
CIE _{Lab}	49.70, 46.11, 7.77
CIE _{LCh}	50, 46.761, 9.570
Yxy	18.1725, 0.4429, 0.2964
Android (android.graphics.Color)	4290728555 (0xFFBF526B)
YUV	117.4410, -5.1474, 64.5112
Hunter-Lab	42.6292, 39.1125, 7.6064

Details

The XYZ color **27.1570, 18.1725, 15.9862** is a dark color, and the websafe version is hex **CC6666**. A complement of this color would be **28.9945, 41.8091, 42.6210**, and the grayscale version is **17.0492, 17.9371, 19.5335**.

A 20% lighter version of the original color is **54.6192, 40.3058, 37.2488**, and **10.8804, 6.0967, 4.8783** is the 20% darker color. If you saturate the color by 10%, you get **25.2022, 15.3986, 11.8335**, and if you desaturate by 10%, it is **29.6454, 21.8026, 20.9675**.

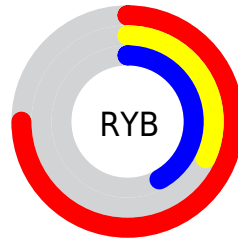
Distribution



Red (75%)

Green (32%)

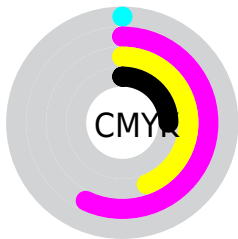
Blue (42%)



Red (75%)

Yellow (32%)

Blue (42%)

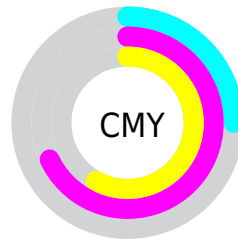


Cyan (0%)

Magenta (57%)

Yellow (44%)

Black (25%)



Cyan (25%)


Magenta (68%)


Yellow (58%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 27.1570, 18.1725, 15.9862 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 27.1570, 18.1725, 15.9862 by changing the saturation by 10% instead.


 27.1570, 18.1725,
15.9862


 27.1570, 18.1725,
15.9862


280.5702,
241.8416, 241.1032


 17.8284, 11.0739,
9.3601

 54.5538, 40.3310,
37.3407


 10.9258, 6.1166,
4.8768


 73.3527, 56.1598,
52.9062


 6.0839, 2.9161,
2.1177


 96.0390, 75.6673,
72.2887

 2.9373, 1.0881,
0.6263

 122.9782, 99.2381,
95.9065

 1.1207, 0.0000,
0.0000

 154.5356,
127.2566, 124.1784

 0.0423, 0.0000,
0.0000

191.0764,

 0.0000, 0.0000,

160.1070, 157.5227

0.0000

232.9662,
198.1739, 196.3582

■ 27.1570, 18.1725,
15.9862

■ 27.1570, 18.1725,
15.9862

■ 25.2022, 15.3986,
11.8335

■ 29.6454, 21.8026,
20.9675

■ 23.7388, 13.4071,
8.4620

■ 32.7025, 26.3491,
26.8193

■ 22.7200, 12.1162,
5.8205

■ 36.3619, 31.8700,
33.5816

■ 22.0827, 11.4125,
3.8483

■ 40.6541, 38.4178,
41.2917

■ 21.9367, 11.2567,
3.3797

■ 45.6078, 46.0409,
49.9845

■ 51.2495, 54.7850,
59.6935

■ 57.6045, 64.6929,
70.4503

■ 64.6967, 75.8054,
82.2852

■ 72.5491, 88.1610,
95.2273

Harmonies

Analogous

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



26.5943, 18.1725, 29.6310



27.1570, 18.1725, 15.9862



24.7424, 18.1725, 7.9226

Triad

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



27.1570, 18.1725, 15.9862



12.3755, 18.1725, 6.2715



14.4548, 18.1725, 52.7750

Complementary

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



27.1570, 18.1725, 15.9862



28.9945, 41.8091, 42.6210

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.



11.4812, 18.1725, 39.8595



27.1570, 18.1725, 15.9862



10.4315, 18.1725, 12.4071

Square

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



27.1570, 18.1725, 15.9862



15.8887, 18.1725, 4.1255



10.1350, 18.1725, 24.1465



18.7343, 18.1725, 55.1170

Rectangle

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



27.1570, 18.1725, 15.9862



21.9781, 18.1725, 5.2869



10.1350, 18.1725, 24.1465



13.2915, 18.1725, 49.3257

Sweetspot

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



27.1575, 18.1735, 15.9865



72.6430, 68.5478, 73.6540



28.0572, 17.8575, 51.2582



15.5889, 14.4971, 15.5281



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.



27.1575, 18.1735, 15.9865



44.5418, 26.7532, 19.8695



28.7013, 23.0701, 10.9242



9.6174, 9.5713, 10.3742



14.4426, 7.4082, 2.3583



0.5915, 0.3005, 0.2283

Inverse Universe

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



27.1575, 18.1735, 15.9865



44.5418, 26.7532, 19.8695



25.7931, 31.3735, 53.9864



9.6174, 9.5713, 10.3742



14.4426, 7.4082, 2.3583



0.5915, 0.3005, 0.2283

Previews

White Background



This preview shows how the XYZ color 27.1570, 18.1725, 15.9862 looks on a white background.

Color Contrast Check

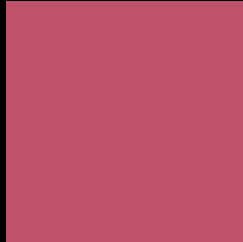
Large Text (above 18pt) WCAG AA ✓ Pass

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 27.1570, 18.1725, 15.9862 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

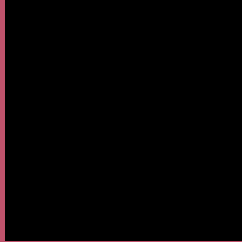
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 27.1570, 18.1725, 15.9862

Background



This preview shows how black text looks on a background with the XYZ color 27.1570, 18.1725, 15.9862.



This preview shows how white text looks on a background with the XYZ color 27.1570, 18.1725,

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

27.1570, 18.1725, 15.9862

Protanopia

17.9169, 18.4111, 22.6880

Deuteranopia

18.5689, 18.2282, 15.1101



Tritanopia

26.3720, 18.1995, 12.0204

Trichromacy



Original Color

27.1570, 18.1725, 15.9862

Protanomaly

20.1188, 17.4790, 20.0827

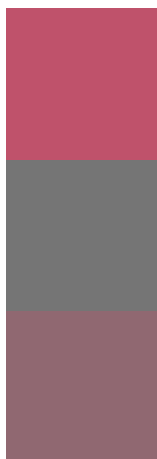
Deuteranomaly

20.9604, 17.5701, 15.3833

Tritanomaly

26.5632, 18.1509, 13.4127

Monochromacy



Original Color

27.1570, 18.1725, 15.9862

Achromatopsia

16.9083, 17.7888, 19.3720

Achromatomaly

19.4326, 17.0222, 17.8842

CSS Examples

Text

The CSS property to change the color of the text to XYZ 27.1570, 18.1725, 15.9862 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, 82, 107)` looks like.

```
.text, #text, p{  
    color:rgb(191, 82, 107)  
}
```

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, 82, 107) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(191, 82, 107) }
```

Border

The CSS property to change the border of an element to XYZ 27.1570, 18.1725, 15.9862 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, 82, 107) }
```


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

```
.border{ border-color:rgb(191, 82, 107) }
```

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

Here you see how a box with a 4 pixel `rgb(191, 82, 107)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(191, 82, 107); -webkit-box-  
shadow:4px 4px 4px 4px rgb(191, 82, 107);  
box-shadow:4px 4px 4px 4px rgb(191, 82,  
107) }
```

Background

The CSS property to change the background color of an element to XYZ 27.1570, 18.1725, 15.9862 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(191, 82, 107) }
```

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

```
.background{ background-color: rgb(191, 82,  
107) }
```

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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