

Converting Colors

XYZ(26.6283, 19.4033, 19.3580)

Have a look what the booklet for
XYZ(26.6283, 19.4033, 19.3580)
contains.

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Color

**XYZ(26.6536, 19.4375,
19.4866)**

Conversions

Conversions Part 1

Format	Color
Hex	B65F76
RGB	182, 95, 118
RGB Percent	71%, 37%, 46%
CMY	0.2863, 0.6274, 0.5373
CMYK	0.00, 0.48, 0.35, 0.29
HSL	344°, 37%, 54%
HSV	344°, 48%, 71%
XYZ	26.6536, 19.4375, 19.4866
YIQ	123.6350, 44.4690, 25.5970

Conversions

Conversions Part 2

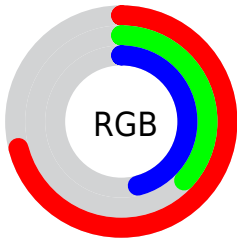
Format	Color
R_{YB}	182, 95, 118
Decimal	11951990
CIE _{Lab}	51.20, 37.64, 3.15
CIE _{LCh}	51, 37.769, 4.777
Yxy	19.4375, 0.4064, 0.2964
Android (android.graphics.Color)	4290142070 (0xFFB65F76)
YUV	123.6350, -2.7781, 51.1861
Hunter-Lab	44.0880, 30.7591, 4.6558

Details

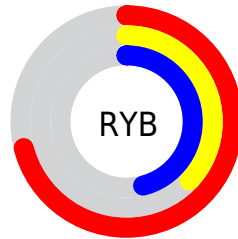
The XYZ color **26.6536, 19.4375, 19.4866** is a dark color, and the websafe version is hex **CC6699**. A complement of this color would be **27.7062, 38.3924, 38.7531**, and the grayscale version is **19.0360, 20.0273, 21.8097**.

A 20% lighter version of the original color is **53.6246, 42.2950, 43.3676**, and **10.6481, 6.7546, 6.5369** is the 20% darker color. If you saturate the color by 10%, you get **24.4615, 16.2376, 15.1051**, and if you desaturate by 10%, it is **29.3427, 23.4505, 24.5914**.

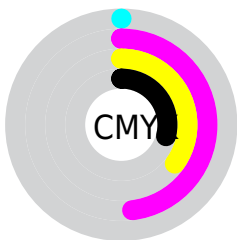
Distribution



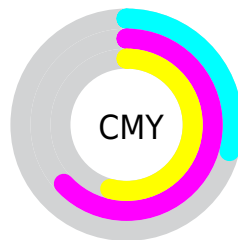
- Red (71%)
- Green (37%)
- Blue (46%)



- Red (71%)
- Yellow (37%)
- Blue (46%)



- Cyan (0%)
- Magenta (48%)
- Yellow (35%)
- Black (29%)



- Cyan (29%)
- Magenta (63%)
- Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 26.6536, 19.4375, 19.4866 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 26.6536, 19.4375, 19.4866 by changing the saturation by 10% instead.

■ 26.6536, 19.4375,
19.4866

■ 26.6536, 19.4375,
19.4866

278.1742,
248.8535, 261.6337

■ 17.4485, 11.9868,
11.8420

■ 53.7513, 42.4721,
43.4023

■ 10.6520, 6.7347,
6.5150

■ 72.3746, 58.8248,
60.5106

■ 5.8989, 3.2968,
3.0869

■ 94.8681, 78.9136,
81.6105

■ 2.8238, 1.2886,
1.1392

■ 121.5969,
103.1229, 107.1206

■ 1.0613, 0.1323,
0.0000

152.9266,
131.8372, 137.4594

■ 0.0000, 0.0000,
0.0000

189.2225,

165.4408, 173.0455

230.8499,
204.3181, 214.2975

■ 26.6536, 19.4375,
19.4866

■ 26.6536, 19.4375,
19.4866

■ 24.4615, 16.2376,
15.1051

■ 29.3427, 23.4505,
24.5914

■ 22.7331, 13.7918,
11.4118

■ 32.5560, 28.3243,
30.4501

■ 21.4331, 12.0378,
8.3703


■ 36.3209, 34.1064,
37.0926


■ 20.5203, 10.9020,
5.9398


■ 40.6620, 40.8401,
44.5470


■ 19.9336, 10.2715,
4.0703


■ 45.6027, 48.5656,
52.8399

 19.8271, 10.1594,
3.7240

 51.1649, 57.3212,
61.9967

 57.3694, 67.1428,
72.0417

 64.2361, 78.0647,
82.9981

 70.5580, 87.6677,
94.4798

Harmonies

Analogous

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



25.8148, 19.4375, 31.2668



26.6536, 19.4375, 19.4866



25.0698, 19.4375, 11.4170

Triad

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



26.6536, 19.4375, 19.4866



14.6513, 19.4375, 8.3088



15.5629, 19.4375, 45.9551

Complementary

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



26.6536, 19.4375, 19.4866



27.7062, 38.3924, 38.7531

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.



13.1515, 19.4375, 35.3021



26.6536, 19.4375, 19.4866



12.6774, 19.4375, 13.5122

Square

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



26.6536, 19.4375, 19.4866



17.8793, 19.4375, 6.5126



12.1678, 19.4375, 22.9353



19.0833, 19.4375, 49.2180

Rectangle

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



26.6536, 19.4375, 19.4866



22.9646, 19.4375, 8.3583



12.1678, 19.4375, 22.9353



14.6119, 19.4375, 42.9765

Sweetspot

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



26.6541, 19.4385, 19.4870



68.5313, 65.9820, 71.8918



26.7949, 18.9134, 46.4943



14.7746, 14.0135, 15.2534



88.6918, 93.3107, 101.6153



17.8044, 18.7317, 20.3988

Same Dimension

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



26.6541, 19.4385, 19.4870



44.2902, 29.3546, 27.2649



27.5226, 23.1023, 13.8363



9.0995, 9.0502, 9.8713



14.0257, 7.1840, 2.7560



0.5209, 0.2638, 0.2364

Inverse Universe

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



26.6541, 19.4385, 19.4870



44.2902, 29.3546, 27.2649



26.0311, 31.5461, 48.9729



9.0995, 9.0502, 9.8713



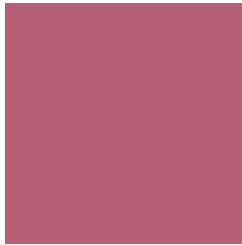
14.0257, 7.1840, 2.7560



0.5209, 0.2638, 0.2364

Previews

White Background



This preview shows how the XYZ color 26.6536, 19.4375, 19.4866 looks on a white background.

Color Contrast Check

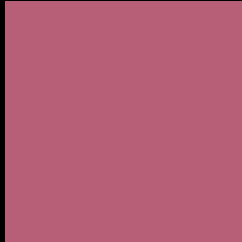
Large Text (above 18pt) WCAG AA ✓ Pass

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 26.6536, 19.4375, 19.4866 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

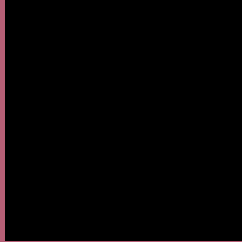
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 26.6536, 19.4375, 19.4866

Background



This preview shows how black text looks on a background with the XYZ color 26.6536, 19.4375, 19.4866.



This preview shows how white text looks on a background with the XYZ color 26.6536, 19.4375,

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

26.6536, 19.4375, 19.4866

Protanopia

19.0783, 19.6775, 24.9829

Deuteranopia

19.8322, 19.4901, 18.6363



Tritanopia

25.8294, 19.3726, 15.4746

Trichromacy



Original Color

26.6536, 19.4375, 19.4866

Protanomaly

21.0181, 18.9865, 22.9791

Deuteranomaly

21.8073, 19.1620, 18.7689

Tritanomaly

25.9992, 19.2936, 16.8217

Monochromacy



Original Color

26.6536, 19.4375, 19.4866

Achromatopsia

19.1579, 20.1556, 21.9495

Achromatomaly

21.0950, 19.2351, 21.0133

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.6536, 19.4375, 19.4866 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(182, 95, 118)` looks like.

```
.text, #text, p{  
    color:rgb(182, 95, 118)  
}
```

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(182, 95, 118) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(182, 95, 118) }
```

Border

The CSS property to change the border of an element to XYZ 26.6536, 19.4375, 19.4866 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(182, 95, 118) }
```


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

```
.border{ border-color:rgb(182, 95, 118) }
```

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

Here you see how a box with a 4 pixel `rgb(182, 95, 118)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(182, 95, 118); -webkit-box-  
shadow:4px 4px 4px 4px rgb(182, 95, 118);  
box-shadow:4px 4px 4px 4px rgb(182, 95,  
118) }
```

Background

The CSS property to change the background color of an element to XYZ 26.6536, 19.4375, 19.4866 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(182, 95, 118) }
```

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

```
.background{ background-color: rgb(182, 95,  
118) }
```

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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