

Converting Colors

XYZ(26.9291, 19.9885, 19.5784)

Have a look what the booklet for
XYZ(26.9291, 19.9885, 19.5784)
contains.

XYZ(26.9291, 19.9885, 19.5784)	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(26.9291, 19.9885,
19.5784)**

Conversions

Conversions Part 1

Format	Color
Hex	B66276
RGB	182, 98, 118
RGB Percent	71%, 38%, 46%
CMY	0.2863, 0.6157, 0.5373
CMYK	0.00, 0.46, 0.35, 0.29
HSL	346°, 37%, 55%
HSV	346°, 46%, 71%
XYZ	26.9291, 19.9885, 19.5784
YIQ	125.3960, 43.6440, 24.0280

Conversions

Conversions Part 2

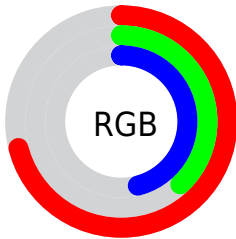
Format	Color
R_{YB}	182, 98, 118
Decimal	11952758
CIE _{Lab}	51.82, 36.05, 4.05
CIE _{LCh}	52, 36.277, 6.415
Yxy	19.9885, 0.4050, 0.3006
Android (android.graphics.Color)	4290142838 (0xFFB66276)
YUV	125.3960, -3.6462, 49.6417
Hunter-Lab	44.7085, 29.2753, 5.3321

Details

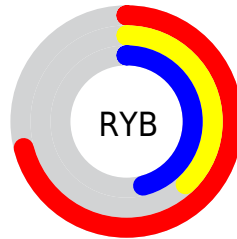
The XYZ color **26.9291, 19.9885, 19.5784** is a dark color, and the websafe version is hex **CC6666**. A complement of this color would be **28.2875, 38.6616, 40.1562**, and the grayscale version is **19.6287, 20.6510, 22.4889**.

A 20% lighter version of the original color is **54.0972, 43.2402, 43.5252**, and **10.7666, 6.9917, 6.5764** is the 20% darker color. If you saturate the color by 10%, you get **24.6513, 16.6561, 15.0479**, and if you desaturate by 10%, it is **29.7163, 24.1456, 24.8769**.

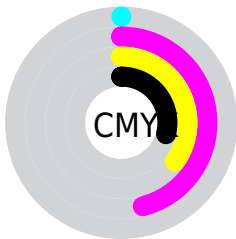
Distribution



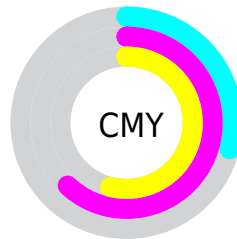
- Red (71%)
- Green (38%)
- Blue (46%)



- Red (71%)
- Yellow (38%)
- Blue (46%)



- Cyan (0%)
- Magenta (46%)
- Yellow (35%)
- Black (29%)





- Cyan (29%)
- Magenta (62%)
- Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 26.9291, 19.9885, 19.5784 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 26.9291, 19.9885, 19.5784 by changing the saturation by 10% instead.


 26.9291, 19.9885,
19.5784


 26.9291, 19.9885,
19.5784


279.4875,
251.8529, 262.1518


 17.6563, 12.3867,
11.9079


 54.1908, 43.3979,
43.5588


 10.8017, 7.0076,
6.5592


 72.9103, 59.9743,
60.7059

 6.0000, 3.4669,
3.1138


 95.5095, 80.3110,
81.8489

 2.8857, 1.3800,
1.1530

 122.3537,
104.7924, 107.4063

 1.0936, 0.2020,
0.0000

153.8083,
133.8028, 137.7968

 0.0198, 0.0000,
0.0000

190.2385,

 0.0000, 0.0000,

167.7268, 173.4389

0.0000

232.0098,
206.9487, 214.7510

■ 26.9291, 19.9885,
19.5784

■ 26.9291, 19.9885,
19.5784

■ 24.6513, 16.6561,
15.0479

■ 29.7163, 24.1456,
24.8769

■ 22.8494, 14.0903,
11.2477

■ 33.0404, 29.1747,
30.9763

■ 21.4885, 12.2298,
8.1384


■ 36.9286, 35.1228,
37.9089


■ 20.5276, 11.0028,
5.6760


■ 41.4060, 42.0328,
45.7050


■ 19.9147, 10.3161,
3.8102


■ 46.4960, 49.9450,
54.3933

 19.7334, 10.1219,
3.2306

 52.2208, 58.8971,
64.0009

 58.6014, 68.9250,
74.5541

 65.6580, 80.0631,
86.0780

 71.2000, 87.9245,
97.8601

Harmonies

Analogous

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



26.2454, 19.9885, 30.9159



26.9291, 19.9885, 19.5784



25.2773, 19.9885, 11.8183

Triad

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



26.9291, 19.9885, 19.5784



15.1016, 19.9885, 9.1946



16.3069, 19.9885, 46.1056

Complementary

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



26.9291, 19.9885, 19.5784



28.2875, 38.6616, 40.1562

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.



13.8563, 19.9885, 36.1387



26.9291, 19.9885, 19.5784



13.2258, 19.9885, 14.6241

Square

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



26.9291, 19.9885, 19.5784



18.2191, 19.9885, 7.2032



12.8012, 19.9885, 24.1067



19.7997, 19.9885, 48.7356

Rectangle

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



26.9291, 19.9885, 19.5784



23.1855, 19.9885, 8.8752



12.8012, 19.9885, 24.1067



15.3485, 19.9885, 43.3749

Sweetspot

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



26.9296, 19.9895, 19.5788



68.4210, 65.9379, 71.3110



27.5099, 19.6910, 46.6067



14.7472, 14.0025, 15.1091



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.



26.9296, 19.9895, 19.5788



44.7741, 30.3152, 27.4481



28.0936, 24.0217, 14.7126



9.0899, 9.0463, 9.8209



13.9578, 7.1569, 2.3984



0.5168, 0.2622, 0.2151

Inverse Universe

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



26.9296, 19.9895, 19.5788



44.7741, 30.3152, 27.4481



26.2262, 31.4646, 48.9469



9.0899, 9.0463, 9.8209



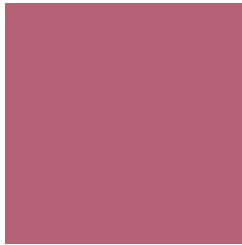
13.9578, 7.1569, 2.3984



0.5168, 0.2622, 0.2151

Previews

White Background



This preview shows how the XYZ color 26.9291, 19.9885, 19.5784 looks on a white background.

Color Contrast Check

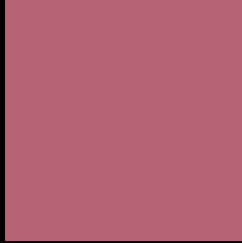
Large Text (above 18pt) WCAG AA ✓ Pass

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 26.9291, 19.9885, 19.5784 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

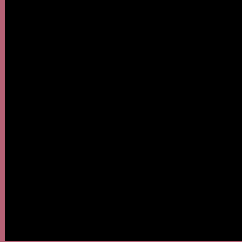
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 26.9291, 19.9885, 19.5784

Background



This preview shows how black text looks on a background with the XYZ color 26.9291, 19.9885, 19.5784.



This preview shows how white text looks on a background with the XYZ color 26.9291, 19.9885,

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

26.9291, 19.9885, 19.5784

Protanopia

19.5600, 20.1169, 24.6818

Deuteranopia

20.5690, 20.2233, 18.7390



Tritanopia

26.2671, 19.9996, 16.3858

Trichromacy



Original Color

26.9291, 19.9885, 19.5784

Protanomaly

21.5251, 19.5867, 22.7248

Deuteranomaly

22.4063, 19.7947, 18.8595

Tritanomaly

26.3871, 19.8951, 17.4883

Monochromacy



Original Color

26.9291, 19.9885, 19.5784

Achromatopsia

19.4927, 20.5079, 22.3331

Achromatomaly

21.4976, 19.7776, 21.0968

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.9291, 19.9885, 19.5784 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, 98, 118)` looks like.

```
.text, #text, p{  
    color:rgb(182, 98, 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, 98, 118) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(182, 98, 118) }
```

Border

The CSS property to change the border of an element to XYZ 26.9291, 19.9885, 19.5784 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, 98, 118) }
```


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

```
.border{ border-color:rgb(182, 98, 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, 98, 118)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(182, 98, 118); -webkit-box-  
shadow:4px 4px 4px 4px rgb(182, 98, 118);  
box-shadow:4px 4px 4px 4px rgb(182, 98,  
118) }
```

Background

The CSS property to change the background color of an element to XYZ 26.9291, 19.9885, 19.5784 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(182, 98, 118) }
```

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

```
.background{ background-color: rgb(182, 98,  
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](#).

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