

Converting Colors

XYZ(26.7652, 19.5788, 13.9306)

Have a look what the booklet for
XYZ(26.7652, 19.5788, 13.9306)
contains.

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Color

**XYZ(26.7903, 19.6311,
13.9324)**

Conversions

Conversions Part 1

Format	Color
Hex	BB5F62
RGB	187, 95, 98
RGB Percent	73%, 37%, 38%
CMY	0.2667, 0.6274, 0.6157
CMYK	0.00, 0.49, 0.48, 0.27
HSL	358°, 40%, 55%
HSV	358°, 49%, 73%
XYZ	26.7903, 19.6311, 13.9324
YIQ	122.8500, 53.8690, 20.4370

Conversions

Conversions Part 2

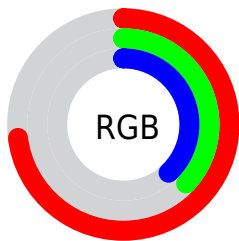
Format	Color
R_{YB}	187, 95, 98
Decimal	12279650
CIE _{Lab}	51.42, 37.24, 15.45
CIE _{LCh}	51, 40.318, 22.540
Yxy	19.6311, 0.4439, 0.3253
Android (android.graphics.Color)	4290469730 (0xFFBB5F62)
YUV	122.8500, -12.2510, 56.2596
Hunter-Lab	44.3070, 30.3931, 12.3711

Details

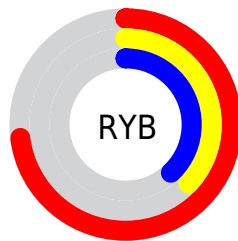
The XYZ color **26.7903, 19.6311, 13.9324** is a dark color, and the websafe version is hex **CC6666**. A complement of this color would be **31.1424, 41.4346, 51.7065**, and the grayscale version is **18.8046, 19.7839, 21.5447**.

A 20% lighter version of the original color is **53.8646, 42.6302, 33.8232**, and **10.7641, 6.8705, 4.0076** is the 20% darker color. If you saturate the color by 10%, you get **24.5436, 16.3538, 9.4349**, and if you desaturate by 10%, it is **29.6354, 23.7963, 19.5822**.

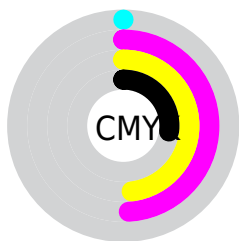
Distribution



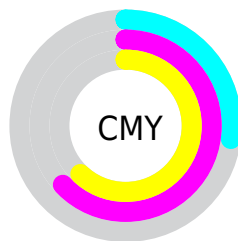
- Red (73%)
- Green (37%)
- Blue (38%)



- Red (73%)
- Yellow (37%)
- Blue (38%)



- Cyan (0%)
- Magenta (49%)
- Yellow (48%)
- Black (27%)





- Cyan (27%)
- Magenta (63%)
- Yellow (62%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 26.7903, 19.6311, 13.9324 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 26.7903, 19.6311, 13.9324 by changing the saturation by 10% instead.

 26.7903, 19.6311,
13.9324


 26.7903, 19.6311,
13.9324


278.8265,
249.9110, 228.2237


 17.5516, 12.1272,
7.9354


 53.9694, 42.7978,
33.6844


 10.7263, 6.8303,
3.9665


 72.6406, 59.2294,
48.2766

 5.9490, 3.3562,
1.6070


 95.1865, 79.4057,
66.5709

 2.8545, 1.3204,
0.2958

 121.9727,
103.7110, 88.9859

 1.0773, 0.1569,
0.0000

153.3644,
132.5298, 115.9402

 0.0060, 0.0000,
0.0000

189.7271,

 0.0000, 0.0000,

166.2465, 147.8522

0.0000

231.4259,
205.2454, 185.1405

■ 26.7903, 19.6311,
13.9324

■ 26.7903, 19.6311,
13.9324

■ 24.5436, 16.3538,
9.4349

■ 29.6354, 23.7963,
19.5822

■ 22.8512, 13.8971,
6.0093

■ 33.1157, 28.9040,
26.4549

■ 21.6654, 12.1894,
3.5669


■ 37.2671, 35.0081,
34.6168


■ 20.9296, 11.1453,
2.0042


■ 42.1221, 42.1576,
44.1290


■ 20.5511, 10.6140,
1.1822


■ 47.7113, 50.3983,
55.0488

 20.5268, 10.5781,
1.1347

 54.0635, 59.7731,
67.4302

 61.2056, 70.3228,
81.3243

 69.1637, 82.0861,
96.7798

 74.3034, 89.3047,
107.9291

Harmonies

Analogous

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



27.4673, 19.6311, 24.3949



26.7903, 19.6311, 13.9324



23.7922, 19.6311, 8.1346

Triad

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



26.7903, 19.6311, 13.9324



13.1481, 19.6311, 10.5002



17.6684, 19.6311, 51.8830

Complementary

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



26.7903, 19.6311, 13.9324



31.1424, 41.4346, 51.7065

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.



14.3226, 19.6311, 44.3372



26.7903, 19.6311, 13.9324



11.9690, 19.6311, 18.6151

Square

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



26.7903, 19.6311, 13.9324



15.8373, 19.6311, 6.7102



12.3656, 19.6311, 31.0846



21.7969, 19.6311, 49.2021

Rectangle

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



26.7903, 19.6311, 13.9324



21.0874, 19.6311, 6.4036



12.3656, 19.6311, 31.0846



16.4242, 19.6311, 50.3868

Sweetspot

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



26.7908, 19.6321, 13.9328



70.0282, 67.5317, 68.4366



32.8135, 21.9555, 49.5218



15.0285, 14.2932, 14.3006



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.



26.7908, 19.6321, 13.9328



43.6937, 28.9054, 16.3664



31.6386, 29.5498, 14.8641



9.5424, 9.5413, 9.9794



14.1484, 7.2905, 0.8093



0.5586, 0.2873, 0.0546

Inverse Universe

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



26.7908, 19.6321, 13.9328



43.6937, 28.9054, 16.3664



23.6733, 25.9886, 50.7820



9.5424, 9.5413, 9.9794



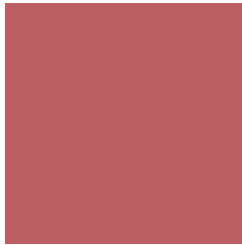
14.1484, 7.2905, 0.8093



0.5586, 0.2873, 0.0546

Previews

White Background



This preview shows how the XYZ color 26.7903, 19.6311, 13.9324 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 26.7903, 19.6311, 13.9324 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 26.7903, 19.6311, 13.9324

Background



This preview shows how black text looks on a background with the XYZ color 26.7903, 19.6311, 13.9324.



This preview shows how white text looks on a background with the XYZ color 26.7903, 19.6311,

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

26.7903, 19.6311, 13.9324

Protanopia

18.9097, 19.9250, 18.1785

Deuteranopia

20.1759, 19.7848, 13.3451



Tritanopia

26.8452, 19.5098, 14.6628

Trichromacy



Original Color

26.7903, 19.6311, 13.9324

Protanomaly

20.9534, 19.2614, 16.5234

Deuteranomaly

22.1387, 19.4517, 13.4142

Tritanomaly

26.7965, 19.4903, 14.4063

Monochromacy



Original Color

26.7903, 19.6311, 13.9324

Achromatopsia

18.8265, 19.8069, 21.5697

Achromatomaly

20.7965, 19.1362, 18.5171

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.7903, 19.6311, 13.9324 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(187, 95, 98)` looks like.

```
.text, #text, p{  
    color:rgb(187, 95, 98)  
}
```

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(187, 95, 98) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(187, 95, 98) }
```

Border

The CSS property to change the border of an element to XYZ 26.7903, 19.6311, 13.9324 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(187, 95, 98) }
```


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

```
.border{ border-color:rgb(187, 95, 98) }
```

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

Here you see how a box with a 4 pixel rgb(187, 95, 98) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(187, 95, 98); -webkit-box-  
shadow:4px 4px 4px 4px rgb(187, 95, 98);  
box-shadow:4px 4px 4px 4px rgb(187, 95,  
98) }
```

Background

The CSS property to change the background color of an element to XYZ 26.7903, 19.6311, 13.9324 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(187, 95, 98) }
```

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

```
.background{ background-color: rgb(187, 95,  
98) }
```

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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