

Converting Colors

XYZ(27.7521, 19.9252, 25.8690)

Have a look what the booklet for
XYZ(27.7521, 19.9252, 25.8690)
contains.

XYZ(27.6636, 19.8143, 26.0334)	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(27.6636, 19.8143,
26.0334)**

Conversions

Conversions Part 1

Format	Color
Hex	B55F89
RGB	181, 95, 137
RGB Percent	71%, 37%, 54%
CMY	0.2902, 0.6274, 0.4627
CMYK	0.00, 0.48, 0.24, 0.29
HSL	331°, 37%, 54%
HSV	331°, 48%, 71%
XYZ	27.6636, 19.8143, 26.0334
YIQ	125.5020, 37.7740, 31.2940

Conversions

Conversions Part 2

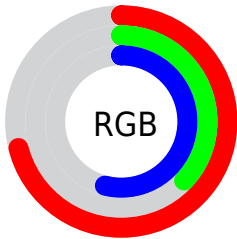
Format	Color
R_{YB}	181, 95, 137
Decimal	11886473
CIE _{Lab}	51.63, 39.86, -7.54
CIE _{LCh}	52, 40.567, 349.295
Yxy	19.8143, 0.3763, 0.2695
Android (android.graphics.Color)	4290076553 (0xFFB55F89)
YUV	125.5020, 5.6685, 48.6717
Hunter-Lab	44.5133, 33.0340, -3.5162

Details

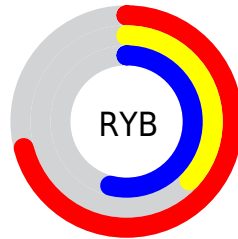
The XYZ color **27.6636, 19.8143, 26.0334** is a dark color, and the websafe version is hex **CC6699**. A complement of this color would be **25.9043, 37.3452, 30.2710**, and the grayscale version is **19.6354, 20.6580, 22.4965**.

A 20% lighter version of the original color is **55.4808, 43.2482, 54.1388**, and **11.2252, 6.9251, 9.7619** is the 20% darker color. If you saturate the color by 10%, you get **25.5825, 16.6699, 22.2016**, and if you desaturate by 10%, it is **30.1816, 23.7410, 30.2926**.

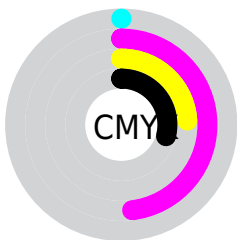
Distribution



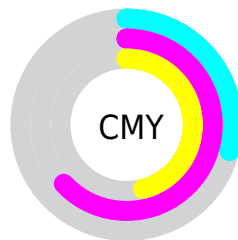
- Red (71%)
- Green (37%)
- Blue (54%)



- Red (71%)
- Yellow (37%)
- Blue (54%)



- Cyan (0%)
- Magenta (48%)
- Yellow (24%)
- Black (29%)





- Cyan (29%)
- Magenta (63%)
- Yellow (46%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 27.6636, 19.8143, 26.0334 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 27.6636, 19.8143, 26.0334 by changing the saturation by 10% instead.


 27.6636, 19.8143,
26.0334


 27.6636, 19.8143,
26.0334


282.9653,
250.9080, 296.5567

 18.2114, 12.2601,
16.6226


 55.3593, 43.1056,
54.3136


 11.2025, 6.9211,
9.8067


 74.3335, 59.6116,
74.0201

 6.2715, 3.4128,
5.1671


 97.2125, 79.8702,
97.9955

 3.0531, 1.3509,
2.2852

 124.3615,
104.2660, 126.6585

 1.1819, 0.1801,
0.7229

156.1459,
133.1833, 160.4276

 0.0920, 0.0000,
0.0000

192.9311,

 0.0000, 0.0000,

167.0064, 199.7213

0.0000

235.0824,
206.1199, 244.9582

■ 27.6636, 19.8143,
26.0334

■ 27.6636, 19.8143,
26.0334

■ 25.5825, 16.6699,
22.2016

■ 30.1816, 23.7410,
30.2926

■ 23.9086, 14.2511,
18.7797

■ 33.1604, 28.4957,
34.9933

■ 22.6110, 12.4982,
15.7502


■ 36.6237, 34.1241,
40.1503


■ 21.6529, 11.3403,
13.0933


■ 40.5935, 40.6676,
45.7772


■ 20.9803, 10.6717,
10.7829


■ 45.0900, 48.1651,
51.8868

 20.8338, 10.5349,
10.2530

 50.1325, 56.6530,
58.4915

 55.7394, 66.1659,
65.6033

 61.9278, 76.7369,
73.2336

 67.7807, 86.5296,
81.0821

Harmonies

Analogous

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



25.4445, 19.8143, 39.8445



27.6636, 19.8143, 26.0334



27.2716, 19.8143, 14.9561

Triad

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



27.6636, 19.8143, 26.0334



16.3524, 19.8143, 6.5360



14.1564, 19.8143, 43.5437

Complementary

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



27.6636, 19.8143, 26.0334



25.9043, 37.3452, 30.2710

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.



12.3438, 19.8143, 29.9036



27.6636, 19.8143, 26.0334



13.4790, 19.8143, 9.9688

Square

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



27.6636, 19.8143, 26.0334



20.3315, 19.8143, 6.1500



12.1152, 19.8143, 17.6561



17.4098, 19.8143, 52.1276

Rectangle

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



27.6636, 19.8143, 26.0334



25.5968, 19.8143, 10.2246



12.1152, 19.8143, 17.6561



13.3797, 19.8143, 39.2090

Sweetspot

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



27.6642, 19.8153, 26.0338



67.8205, 64.7720, 75.1170



22.9148, 16.9250, 45.7753



14.3434, 13.4822, 15.7831



86.6293, 91.1408, 99.2523



17.0014, 17.8868, 19.4787

Same Dimension

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



27.6642, 19.8153, 26.0338



45.6704, 29.6377, 39.4769



25.2146, 18.8354, 13.1343



8.6635, 8.5721, 9.7265



14.3972, 7.2764, 7.2516



0.4825, 0.2408, 0.3836

Inverse Universe

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



27.6642, 19.8153, 26.0338



45.6704, 29.6377, 39.4769



29.5843, 38.8172, 49.6494



8.6635, 8.5721, 9.7265



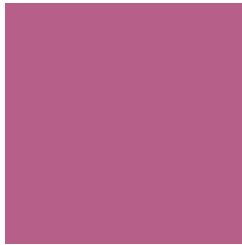
14.3972, 7.2764, 7.2516



0.4825, 0.2408, 0.3836

Previews

White Background



This preview shows how the XYZ color 27.6636, 19.8143, 26.0334 looks on a white background.

Color Contrast Check

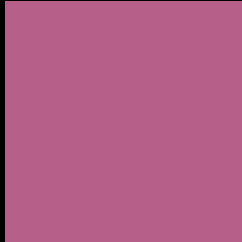
Large Text (above 18pt) WCAG AA ✓ Pass

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 27.6636, 19.8143, 26.0334 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

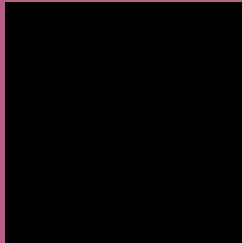
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 27.6636, 19.8143, 26.0334

Background



This preview shows how black text looks on a background with the XYZ color 27.6636, 19.8143, 26.0334.



This preview shows how white text looks on a background with the XYZ color 27.6636, 19.8143,

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

27.6636, 19.8143, 26.0334

Protanopia

20.0784, 19.9986, 33.8122

Deuteranopia

20.3102, 19.9517, 24.9709



Tritanopia

25.7206, 19.8550, 16.6641

Trichromacy



Original Color

27.6636, 19.8143, 26.0334

Protanomaly

21.9547, 19.3019, 30.5855

Deuteranomaly

22.3819, 19.4797, 25.1346

Tritanomaly

26.3820, 19.8393, 19.8916

Monochromacy



Original Color

27.6636, 19.8143, 26.0334

Achromatopsia

19.8309, 20.8637, 22.7206

Achromatomaly

22.0141, 19.9842, 23.8162

CSS Examples

Text

The CSS property to change the color of the text to XYZ 27.6636, 19.8143, 26.0334 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(181, 95, 137)` looks like.

```
.text, #text, p{  
    color:rgb(181, 95, 137)  
}
```

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(181, 95, 137) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(181, 95, 137) }
```

Border

The CSS property to change the border of an element to XYZ 27.6636, 19.8143, 26.0334 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(181, 95, 137) }
```


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

```
.border{ border-color:rgb(181, 95, 137) }
```

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

Here you see how a box with a 4 pixel `rgb(181, 95, 137)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(181, 95, 137); -webkit-box-shadow:4px 4px 4px 4px rgb(181, 95, 137); box-shadow:4px 4px 4px 4px rgb(181, 95, 137) }
```

Background

The CSS property to change the background color of an element to XYZ 27.6636, 19.8143, 26.0334 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(181, 95, 137) }
```

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

```
.background{ background-color: rgb(181, 95,  
137) }
```

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