

Converting Colors

XYZ(26.1270, 19.4924, 32.2098)

Have a look what the booklet for
XYZ(26.1270, 19.4924, 32.2098)
contains.

XYZ(26.0657, 19.4062, 32.0777)	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(26.0657, 19.4062,
32.0777)**

Conversions

Conversions Part 1

Format	Color
Hex	A76398
RGB	167, 99, 152
RGB Percent	65%, 39%, 60%
CMY	0.3451, 0.6117, 0.4039
CMYK	0.00, 0.41, 0.09, 0.35
HSL	313°, 28%, 52%
HSV	313°, 41%, 65%
XYZ	26.0657, 19.4062, 32.0777
YIQ	125.3740, 23.5150, 30.8990

Conversions

Conversions Part 2

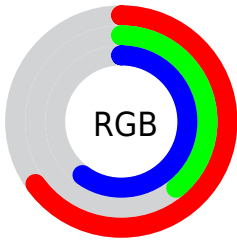
Format	Color
RYB	167, 99, 152
Decimal	10970008
CIELab	51.16, 35.37, -17.29
CIELCh	51, 39.368, 333.951
Yxy	19.4062, 0.3361, 0.2502
Android (android.graphics.Color)	4289160088 (0xFFA76398)
YUV	125.3740, 13.1266, 36.5060
Hunter-Lab	44.0525, 28.5260, -12.3365

Details

The XYZ color **26.0657, 19.4062, 32.0777** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **22.0024, 31.5056, 20.8425**, and the grayscale version is **19.5712, 20.5904, 22.4229**.

A 20% lighter version of the original color is **52.6386, 42.2774, 63.7785**, and **10.2996, 6.7315, 13.0684** is the 20% darker color. If you saturate the color by 10%, you get **24.3472, 16.4443, 30.0393**, and if you desaturate by 10%, it is **28.1220, 23.0279, 34.2753**.

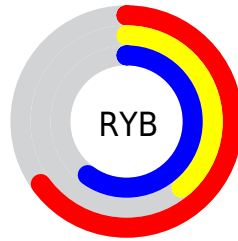
Distribution



Red (65%)

Green (39%)

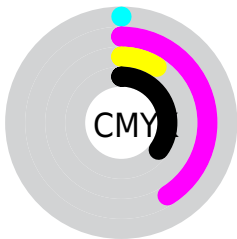
Blue (60%)



Red (65%)

Yellow (39%)

Blue (60%)

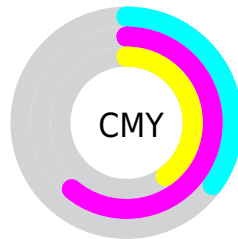


Cyan (0%)

Magenta (41%)

Yellow (9%)

Black (35%)



Cyan (35%)

Magenta (61%)

Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 26.0657, 19.4062, 32.0777 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 26.0657, 19.4062, 32.0777 by changing the saturation by 10% instead.

■ 26.0657, 19.4062,
32.0777

■ 26.0657, 19.4062,
32.0777

275.3552,
248.6821, 325.9767

■ 17.0057, 11.9642,
21.1555

■ 52.8115, 42.4194,
64.0322

■ 10.3339, 6.7193,
13.0454

■ 71.2280, 58.7593,
85.9016

■ 5.6849, 3.2872,
7.3287

■ 93.4940, 78.8339,
112.2572

■ 2.6932, 1.2834,
3.5870

■ 119.9750,
103.0277, 143.5175

■ 0.9937, 0.1283,
1.4016

151.0363,
131.7250, 180.1011

■ 0.0000, 0.0000,
0.1430

187.0432,

■ 0.0000, 0.0000,

165.3103, 222.4264

0.0000

228.3610,
204.1678, 270.9121

■ 26.0657, 19.4062,
32.0777

■ 26.0657, 19.4062,
32.0777

■ 24.3472, 16.4443,
30.0393

■ 28.1220, 23.0279,
34.2753

■ 22.9442, 14.0989,
28.1517

■ 30.5328, 27.3440,
36.6376

■ 21.8347, 12.3257,
26.4074

■ 33.3161, 32.3898,
39.1711

■ 20.9929, 11.0734,
24.7973

■ 36.4880, 38.1973,
41.8815

■ 20.3884, 10.2812,
23.3109

■ 40.0636, 44.7968,
44.7744

■ 19.9765, 9.8316,
22.0202

■ 44.0573, 52.2168,
47.8549

■ 48.4827, 60.4845,
51.1279

■ 53.3529, 69.6256,
54.5982

■ 58.6801, 79.6651,
58.2702

Harmonies

Analogous

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



22.9752, 19.4062, 44.5238



26.0657, 19.4062, 32.0777



27.0171, 19.4062, 19.6794

Triad

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



26.0657, 19.4062, 32.0777



17.9313, 19.4062, 6.0974



12.8803, 19.4062, 35.5969

Complementary

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



26.0657, 19.4062, 32.0777



22.0024, 31.5056, 20.8425

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.



11.9100, 19.4062, 22.6503



26.0657, 19.4062, 32.0777



14.5533, 19.4062, 7.8203

Square

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



26.0657, 19.4062, 32.0777



21.9510, 19.4062, 7.0794



12.4765, 19.4062, 13.0085



15.3338, 19.4062, 47.0097

Rectangle

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



26.0657, 19.4062, 32.0777



26.2126, 19.4062, 13.5328



12.4765, 19.4062, 13.0085



12.3870, 19.4062, 31.1426

Sweetspot

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



26.0663, 19.4071, 32.0781



58.8745, 56.5655, 69.4512



18.3426, 15.2743, 38.5411



13.0315, 12.3974, 15.4137



80.6108, 84.8088, 92.3568



14.7206, 15.4872, 16.8656

Same Dimension

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



26.0663, 19.4071, 32.0781



43.8371, 29.8473, 54.0902



23.6849, 18.4545, 19.5375



7.7700, 7.6379, 9.1061



15.3049, 7.5307, 16.9490



0.3895, 0.1901, 0.5024

Inverse Universe

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



26.0663, 19.4071, 32.0781



43.8371, 29.8473, 54.0902



24.2893, 32.4204, 32.8848



7.7700, 7.6379, 9.1061



15.3049, 7.5307, 16.9490



0.3895, 0.1901, 0.5024

Previews

White Background



This preview shows how the XYZ color 26.0657, 19.4062, 32.0777 looks on a white background.

Color Contrast Check

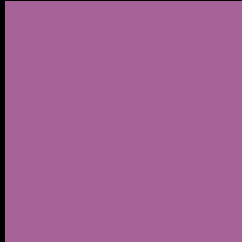
Large Text (above 18pt) WCAG AA ✓ Pass

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 26.0657, 19.4062, 32.0777 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 26.0657, 19.4062, 32.0777

Background



This preview shows how black text looks on a background with the XYZ color 26.0657, 19.4062, 32.0777.



This preview shows how white text looks on a background with the XYZ color 26.0657, 19.4062,

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

26.0657, 19.4062, 32.0777

Protanopia

20.0896, 19.6900, 39.7875

Deuteranopia

19.9469, 19.6360, 30.7558



Tritanopia

23.4565, 19.5397, 18.7549

Trichromacy



Original Color

26.0657, 19.4062, 32.0777

Protanomaly

21.4800, 19.0860, 36.7343

Deuteranomaly

21.7002, 19.1615, 30.9886

Tritanomaly

24.1564, 19.3517, 22.8841

Monochromacy



Original Color

26.0657, 19.4062, 32.0777

Achromatopsia

19.4927, 20.5079, 22.3331

Achromatomaly

21.4338, 19.8155, 25.6168

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.0657, 19.4062, 32.0777 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(167, 99, 152)` looks like.

```
.text, #text, p{  
    color:rgb(167, 99, 152)  
}
```

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(167, 99, 152) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(167, 99, 152) }
```

Border

The CSS property to change the border of an element to XYZ 26.0657, 19.4062, 32.0777 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(167, 99, 152) }
```


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

```
.border{ border-color:rgb(167, 99, 152) }
```

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

Here you see how a box with a 4 pixel `rgb(167, 99, 152)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(167, 99, 152); -webkit-box-  
shadow:4px 4px 4px 4px rgb(167, 99, 152);  
box-shadow:4px 4px 4px 4px rgb(167, 99,  
152) }
```

Background

The CSS property to change the background color of an element to XYZ 26.0657, 19.4062, 32.0777 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(167, 99, 152) }
```

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

```
.background{ background-color: rgb(167, 99,  
152) }
```

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