

Converting Colors

XYZ(26.7551, 19.9165, 38.0314)

Have a look what the booklet for
XYZ(26.7551, 19.9165, 38.0314)
contains.

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Color

**XYZ(26.7551, 19.9165,
38.0314)**

Conversions

Conversions Part 1

Format	Color
Hex	A465A5
RGB	164, 101, 165
RGB Percent	64%, 40%, 65%
CMY	0.3569, 0.6039, 0.3529
CMYK	0.01, 0.39, 0.00, 0.35
HSL	299°, 26%, 52%
HSV	299°, 39%, 65%
XYZ	26.7551, 19.9165, 38.0314
YIQ	127.1330, 17.0040, 33.2600

Conversions

Conversions Part 2

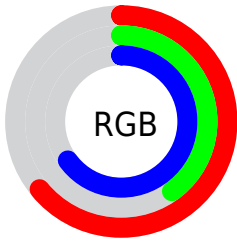
Format	Color
RYB	164, 101, 165
Decimal	10773925
CIELab	51.74, 35.69, -24.05
CIELCh	52, 43.041, 326.025
Yxy	19.9165, 0.3159, 0.2351
Android (android.graphics.Color)	4288964005 (0xFFA465A5)
YUV	127.1330, 18.6684, 32.3324
Hunter-Lab	44.6279, 28.9146, -19.2867

Details

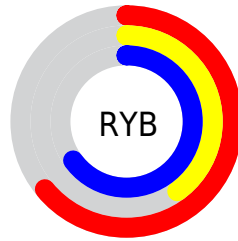
The XYZ color **26.7551, 19.9165, 38.0314** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **21.2842, 30.6751, 17.1120**, and the grayscale version is **20.1529, 21.2024, 23.0894**.

A 20% lighter version of the original color is **53.8247, 43.1654, 73.2050**, and **10.7642, 7.0277, 16.4119** is the 20% darker color. If you saturate the color by 10%, you get **25.2582, 17.0010, 37.5478**, and if you desaturate by 10%, it is **28.5751, 23.4770, 38.6230**.

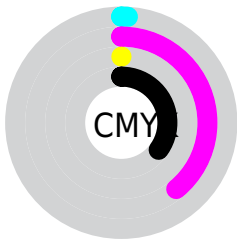
Distribution



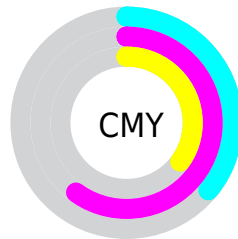
- Red (64%)
- Green (40%)
- Blue (65%)



- Red (64%)
- Yellow (40%)
- Blue (65%)



- Cyan (1%)
- Magenta (39%)
- Yellow (0%)
- Black (35%)



- Cyan (36%)
- Magenta (60%)
- Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 26.7551, 19.9165, 38.0314 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 26.7551, 19.9165, 38.0314 by changing the saturation by 10% instead.

■ 26.7551, 19.9165,
38.0314

■ 26.7551, 19.9165,
38.0314

278.6586,
251.4627, 353.0569

■ 17.5250, 12.3344,
25.7050

■ 53.9133, 43.2771,
73.3602

■ 10.7071, 6.9718,
16.3793

■ 72.5721, 59.8244,
97.1998

■ 5.9361, 3.4445,
9.6357

■ 95.1046, 80.1289,
125.7141

■ 2.8466, 1.3680,
5.0557

■ 121.8760,
104.5750, 159.3218

■ 1.0731, 0.1929,
2.2207

153.2518,
133.5470, 198.4414

■ 0.0025, 0.0000,
0.6862

189.5972,

■ 0.0000, 0.0000,

167.4293, 243.4914

0.0000

231.2777,
206.6065, 294.8904

■ 26.7551, 19.9165,
38.0314

■ 26.7551, 19.9165,
38.0314

■ 25.2582, 17.0010,
37.5478

■ 28.5751, 23.4770,
38.6230

■ 24.0629, 14.6893,
37.1646

■ 30.7339, 27.7155,
39.3273

■ 23.1486, 12.9392,
36.8750

■ 33.2486, 32.6656,
40.1503

■ 22.4910, 11.7024,
36.6709

■ 36.1347, 38.3583,
41.0969

■ 22.0618, 10.9221,
36.5429

■ 39.4065, 44.8223,
42.1722

■ 21.8064, 10.4893,
36.4729

■ 43.0779, 52.0852,
43.3806

■ 21.7783, 10.4426,
36.4653

■ 47.1618, 60.1730,
44.7264

■ 51.6706, 69.1105,
46.2139

■ 56.6163, 78.9217,
47.8470

Harmonies

Analogous

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



22.8456, 19.9165, 51.1499



26.7551, 19.9165, 38.0314



28.5691, 19.9165, 23.3904

Triad

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



26.7551, 19.9165, 38.0314



19.5163, 19.9165, 5.4841



12.3602, 19.9165, 33.9970

Complementary

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



26.7551, 19.9165, 38.0314



21.2842, 30.6751, 17.1120

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.



11.7470, 19.9165, 20.0659



26.7551, 19.9165, 38.0314



15.4896, 19.9165, 6.4890

Square

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



26.7551, 19.9165, 38.0314



24.0039, 19.9165, 7.2612



12.8021, 19.9165, 10.8579



14.6268, 19.9165, 48.2613

Rectangle

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



26.7551, 19.9165, 38.0314



28.1695, 19.9165, 15.7179



12.8021, 19.9165, 10.8579



11.9704, 19.9165, 28.9999

Sweetspot

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



26.7558, 19.9174, 38.0318



57.9254, 55.3099, 71.3752



16.9171, 15.0001, 37.6013



12.5427, 11.8538, 15.5645



78.6606, 82.7571, 90.1225



14.0027, 14.7319, 16.0430

Same Dimension

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



26.7558, 19.9174, 38.0318



45.4600, 30.8838, 67.3175



24.4791, 19.0306, 24.9625



7.3533, 7.1965, 8.9046



16.4796, 7.9020, 27.5864



0.3495, 0.1677, 0.5798

Inverse Universe

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



22.5696, 18.2668, 14.9074



36.8541, 27.4943, 19.6137



22.9829, 31.3416, 26.6449



7.0780, 7.0877, 7.3974



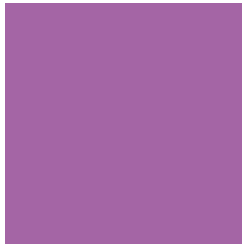
11.7513, 6.0566, 0.6148



0.2482, 0.1278, 0.0196

Previews

White Background



This preview shows how the XYZ color 26.7551, 19.9165, 38.0314 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 26.7551, 19.9165, 38.0314 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

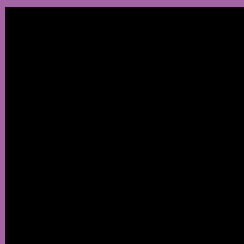
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 26.7551, 19.9165, 38.0314

Background



This preview shows how black text looks on a background with the XYZ color 26.7551, 19.9165, 38.0314.



This preview shows how white text looks on a background with the XYZ color 26.7551, 19.9165,

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

26.7551, 19.9165, 38.0314

Protanopia

21.0089, 20.1983, 46.5074

Deuteranopia

20.5950, 20.2053, 36.5327



Tritanopia

23.1148, 19.9699, 20.0891

Trichromacy



Original Color

26.7551, 19.9165, 38.0314

Protanomaly

22.3594, 19.5654, 43.1555

Deuteranomaly

22.2118, 19.6298, 36.8007

Tritanomaly

24.1988, 19.7665, 25.8325

Monochromacy



Original Color

26.7551, 19.9165, 38.0314

Achromatopsia

20.1725, 21.2231, 23.1119

Achromatomaly

22.1014, 20.4554, 27.9827

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.7551, 19.9165, 38.0314 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(164, 101, 165)` looks like.

```
.text, #text, p{  
    color:rgb(164, 101, 165)  
}
```

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(164, 101, 165) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(164, 101, 165) }
```

Border

The CSS property to change the border of an element to XYZ 26.7551, 19.9165, 38.0314 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(164, 101, 165) }
```


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

```
.border{ border-color:rgb(164, 101, 165) }
```

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

Here you see how a box with a 4 pixel `rgb(164, 101, 165)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(164, 101, 165); -webkit-box-  
shadow:4px 4px 4px 4px rgb(164, 101, 165);  
box-shadow:4px 4px 4px 4px rgb(164, 101,  
165) }
```

Background

The CSS property to change the background color of an element to XYZ 26.7551, 19.9165, 38.0314 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(164, 101, 165) }
```

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

```
.background{ background-color: rgb(164,  
101, 165) }
```

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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