

Converting Colors

XYZ(26.1621, 16.9609, 27.3365)

Have a look what the booklet for
XYZ(26.1621, 16.9609, 27.3365)
contains.

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Color

**XYZ(26.1973, 16.9855,
27.4890)**

Conversions

Conversions Part 1

Format	Color
Hex	B34E8E
RGB	179, 78, 142
RGB Percent	70%, 31%, 56%
CMY	0.2980, 0.6941, 0.4431
CMYK	0.00, 0.56, 0.21, 0.30
HSL	322°, 40%, 50%
HSV	322°, 56%, 70%
XYZ	26.1973, 16.9855, 27.4890
YIQ	115.4950, 39.6520, 41.3160

Conversions

Conversions Part 2

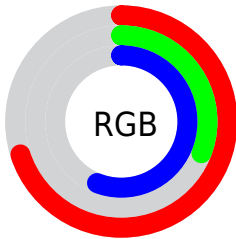
Format	Color
R_{YB}	179, 78, 142
Decimal	11751054
CIE _{Lab}	48.24, 48.49, -15.64
CIE _{LCh}	48, 50.951, 342.120
Yxy	16.9855, 0.3707, 0.2403
Android (android.graphics.Color)	4289941134 (0xFFB34E8E)
YUV	115.4950, 13.0670, 55.6939
Hunter-Lab	41.2135, 41.3398, -10.6965

Details

The XYZ color **26.1973, 16.9855, 27.4890** is a dark color, and the websafe version is hex **CC6699**. A complement of this color would be **22.3574, 35.0983, 21.8176**, and the grayscale version is **16.3998, 17.2538, 18.7894**.

A 20% lighter version of the original color is **53.0052, 38.2226, 56.8086**, and **10.3683, 5.5200, 10.6442** is the 20% darker color. If you saturate the color by 10%, you get **24.6163, 14.5883, 24.6039**, and if you desaturate by 10%, it is **28.1544, 20.0881, 30.6427**.

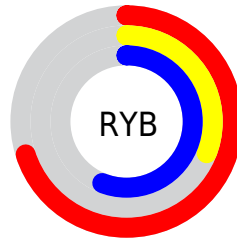
Distribution



Red (70%)

Green (31%)

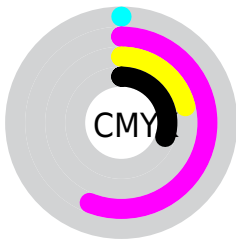
Blue (56%)



Red (70%)

Yellow (31%)

Blue (56%)

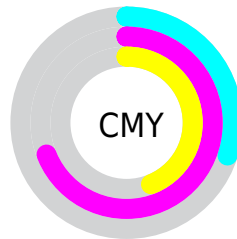


Cyan (0%)

Magenta (56%)

Yellow (21%)

Black (30%)



Cyan (30%)


Magenta (69%)


Yellow (44%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 26.1973, 16.9855, 27.4890 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 26.1973, 16.9855, 27.4890 by changing the saturation by 10% instead.


 26.1973, 16.9855,
27.4890


 26.1973, 16.9855,
27.4890


275.9882,
235.0888, 303.8518


 17.1048, 10.2242,
17.7051


 53.0221, 38.3008,
56.6808

 10.4050, 5.5478,
10.5713


 71.4851, 53.6236,
76.9258


 5.7326, 2.5721,
5.6688

 93.8022, 72.5690,
101.4950

 2.7223, 0.9127,
2.5792

 120.3389, 95.5214,
130.8068

 1.0087, 0.0000,
0.8817

 151.4605,
122.8652, 165.2799

 0.0000, 0.0000,
0.0000

187.5324,

154.9847, 205.3327

228.9198,
192.2645, 251.3838

■ 26.1973, 16.9855,
27.4890

■ 26.1973, 16.9855,
27.4890

■ 24.6163, 14.5883,
24.6039

■ 28.1544, 20.0881,
30.6427

■ 23.3806, 12.8362,
21.9742

■ 30.5121, 23.9450,
34.0752

■ 22.4567, 11.6630,
19.5864

■ 33.2945, 28.6036,
37.7968

■ 21.7990, 10.9784,
17.4229

■ 36.5235, 34.1066,
41.8172

■ 21.5950, 10.7856,
16.6916

■ 40.2192, 40.4937,
46.1453

■ 44.4006, 47.8022,
50.7896

■ 49.0856, 56.0670,
55.7581

■ 54.2910, 65.3213,
61.0586

■ 60.0330, 75.5968,
66.6985

Harmonies

Analogous

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



22.8891, 16.9855, 44.6191



26.1973, 16.9855, 27.4890



26.5187, 16.9855, 13.6365

Triad

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



26.1973, 16.9855, 27.4890



14.3445, 16.9855, 3.0812



10.3952, 16.9855, 41.4359

Complementary

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



26.1973, 16.9855, 27.4890



22.3574, 35.0983, 21.8176

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.



8.9047, 16.9855, 24.3872



26.1973, 16.9855, 27.4890



10.8745, 16.9855, 5.2881

Square

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



26.1973, 16.9855, 27.4890



19.0378, 16.9855, 3.2866



9.0615, 16.9855, 11.7130



13.5598, 16.9855, 54.9693

Rectangle

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



26.1973, 16.9855, 27.4890



24.9291, 16.9855, 7.9726



9.0615, 16.9855, 11.7130



9.7117, 16.9855, 35.6540

Sweetspot

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



26.1978, 16.9863, 27.4893



64.8792, 60.1691, 74.2484



17.7172, 12.2385, 44.0765



14.1095, 12.8775, 16.1269



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.



26.1978, 16.9863, 27.4893



43.4244, 25.1614, 42.7359



23.2979, 15.8264, 12.2188



8.7153, 8.5928, 9.9992



15.2921, 7.6344, 11.9641



0.5081, 0.2510, 0.5181

Inverse Universe

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



26.1978, 16.9863, 27.4893



43.4244, 25.1614, 42.7359



25.9499, 36.5353, 40.7359



8.7153, 8.5928, 9.9992



15.2921, 7.6344, 11.9641



0.5081, 0.2510, 0.5181

Previews

White Background



This preview shows how the XYZ color 26.1973, 16.9855, 27.4890 looks on a white background.

Color Contrast Check

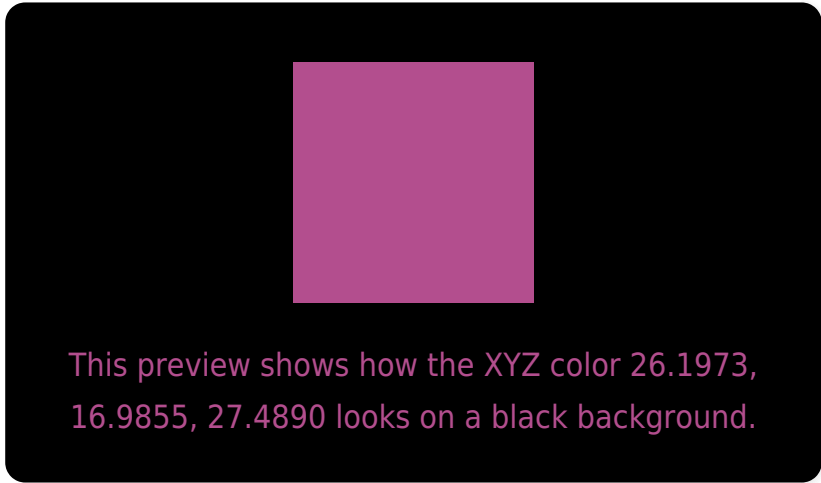
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

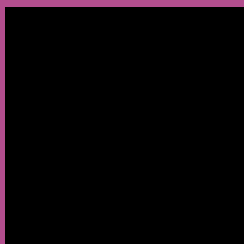
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 26.1973, 16.9855, 27.4890

Background



This preview shows how black text looks on a background with the XYZ color 26.1973, 16.9855, 27.4890.



This preview shows how white text looks on a background with the XYZ color 26.1973, 16.9855,

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

26.1973, 16.9855, 27.4890

Protanopia

17.9028, 17.1788, 39.4180

Deuteranopia

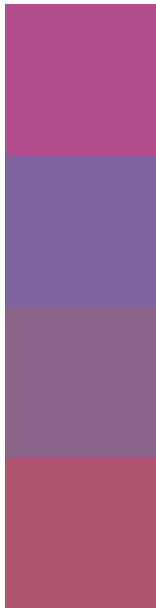
17.4406, 17.0789, 25.6699



Tritanopia

23.3171, 17.0849, 12.8952

Trichromacy



Original Color

26.1973, 16.9855, 27.4890

Protanomaly

19.5676, 16.1296, 34.8829

Deuteranomaly

19.7921, 16.4383, 26.1745

Tritanomaly

24.0776, 16.8970, 17.3216

Monochromacy



Original Color

26.1973, 16.9855, 27.4890

Achromatopsia

16.2955, 17.1441, 18.6699

Achromatomaly

18.9343, 16.3867, 21.5670

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.1973, 16.9855, 27.4890 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(179, 78, 142)` looks like.

```
.text, #text, p{  
    color:rgb(179, 78, 142)  
}
```

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(179, 78, 142) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(179, 78, 142) }
```

Border

The CSS property to change the border of an element to XYZ 26.1973, 16.9855, 27.4890 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(179, 78, 142) }
```


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

```
.border{ border-color:rgb(179, 78, 142) }
```

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

Here you see how a box with a 4 pixel rgb(179, 78, 142) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(179, 78, 142); -webkit-box-  
shadow:4px 4px 4px 4px rgb(179, 78, 142);  
box-shadow:4px 4px 4px 4px rgb(179, 78,  
142) }
```

Background

The CSS property to change the background color of an element to XYZ 26.1973, 16.9855, 27.4890 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(179, 78, 142) }
```

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

```
.background{ background-color: rgb(179, 78,  
142) }
```

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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