

Converting Colors

XYZ(18.9678, 10.6742, 19.0855)

Have a look what the booklet for
XYZ(18.9678, 10.6742, 19.0855)
contains.

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Color

**XYZ(19.0130, 10.6853,
19.1495)**

Conversions

Conversions Part 1

Format	Color
Hex	A12B79
RGB	161, 43, 121
RGB Percent	63%, 17%, 47%
CMY	0.3686, 0.8313, 0.5255
CMYK	0.00, 0.73, 0.25, 0.37
HSL	320°, 58%, 40%
HSV	320°, 73%, 63%
XYZ	19.0130, 10.6853, 19.1495
YIQ	87.1740, 45.2900, 49.2740

Conversions

Conversions Part 2

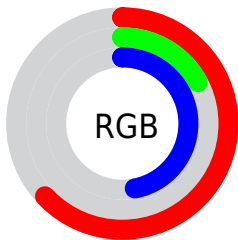
Format	Color
RYB	161, 43, 121
Decimal	10562425
CIELab	39.05, 55.16, -17.15
CIELCh	39, 57.760, 342.729
Yxy	10.6853, 0.3892, 0.2187
Android (android.graphics.Color)	4288752505 (0xFFA12B79)
YUV	87.1740, 16.6762, 64.7454
Hunter-Lab	32.6884, 46.6188, -11.8514

Details

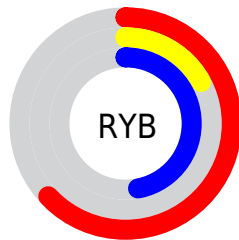
The XYZ color **19.0130, 10.6853, 19.1495** is a dark color, and the websafe version is hex **990066**. A complement of this color would be **15.3031, 26.6282, 12.5183**, and the grayscale version is **9.0556, 9.5272, 10.3751**.

A 20% lighter version of the original color is **41.2181, 27.0009, 42.5744**, and **6.9954, 3.4711, 6.4322** is the 20% darker color. If you saturate the color by 10%, you get **18.2136, 9.6070, 17.2781**, and if you desaturate by 10%, it is **20.0630, 12.2343, 21.1980**.

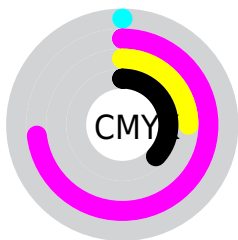
Distribution



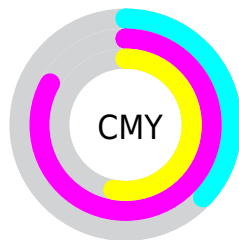
- Red (63%)
- Green (17%)
- Blue (47%)



- Red (63%)
- Yellow (17%)
- Blue (47%)



- Cyan (0%)
- Magenta (73%)
- Yellow (25%)
- Black (37%)



- Cyan (37%)
- Magenta (83%)
- Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 19.0130, 10.6853, 19.1495 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 19.0130, 10.6853, 19.1495 by changing the saturation by 10% instead.

■ 19.0130, 10.6853,
19.1495

■ 19.0130, 10.6853,
19.1495

239.4573,
195.4956, 259.7230

■ 11.7837, 5.8556,
11.6004

■ 41.2728, 27.0767,
42.8266

■ 6.6677, 2.7575,
6.3530

■ 57.0340, 39.4073,
59.7918

■ 3.2997, 1.0065,
2.9887

■ 76.3699, 55.0070,
80.7327

■ 1.3141, 0.0000,
1.0888

■ 99.6458, 74.2602,
106.0680

■ 0.1938, 0.0000,
0.0000

■ 127.2272, 97.5512,
136.2161

■ 0.0000, 0.0000,
0.0000

■ 159.4793,

125.2645, 171.5956

196.7675,
157.7845, 212.6251

■ 19.0130, 10.6853,
19.1495

■ 19.0130, 10.6853,
19.1495

■ 18.2136, 9.6070,
17.2781

■ 20.0630, 12.2343,
21.1980

■ 17.6345, 8.9397,
15.5720

■ 21.3873, 14.3011,
23.4329

■ 17.3214, 8.6265,
14.5028

■ 23.0077, 16.9288,
25.8628

■ 24.9435, 20.1557,
28.4957

■ 27.2123, 24.0165,
31.3389

■ 29.8306, 28.5434,
34.3991

■ 32.8133, 33.7663,
37.6828

■ 36.1749, 39.7133,
41.1959

■ 39.9287, 46.4109,
44.9444

Harmonies

Analogous

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



16.0660, 10.6853, 35.2544



19.0130, 10.6853, 19.1495



19.2451, 10.6853, 7.5536

Triad

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



19.0130, 10.6853, 19.1495



8.6079, 10.6853, 0.7675



5.6238, 10.6853, 32.8197

Complementary

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



19.0130, 10.6853, 19.1495



15.3031, 26.6282, 12.5183

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.



4.5031, 10.6853, 16.9707



19.0130, 10.6853, 19.1495



5.9088, 10.6853, 1.9668

Square

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



19.0130, 10.6853, 19.1495



12.5212, 10.6853, 0.8504



4.5922, 10.6853, 6.3986



8.1092, 10.6853, 45.9917

Rectangle

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



19.0130, 10.6853, 19.1495



17.7608, 10.6853, 3.5141



4.5922, 10.6853, 6.3986



5.1070, 10.6853, 27.3132

Sweetspot

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



19.0133, 10.6859, 19.1497



49.1195, 43.6719, 56.5887



10.8063, 6.1105, 34.3282



10.5334, 9.1677, 12.1208



76.7382, 80.7346, 87.9200



13.3056, 13.9985, 15.2444

Same Dimension

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



19.0133, 10.6859, 19.1497



31.9170, 16.3669, 28.9659



16.4502, 9.6606, 5.6525



7.2618, 7.1612, 8.3650



13.8536, 6.8975, 11.6858



0.3118, 0.1532, 0.3545

Inverse Universe

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



19.0133, 10.6859, 19.1497



31.9170, 16.3669, 28.9659



18.5741, 27.9366, 29.7434



7.2618, 7.1612, 8.3650



13.8536, 6.8975, 11.6858



0.3118, 0.1532, 0.3545

Previews

White Background



This preview shows how the XYZ color 19.0130, 10.6853, 19.1495 looks on a white background.

Color Contrast Check

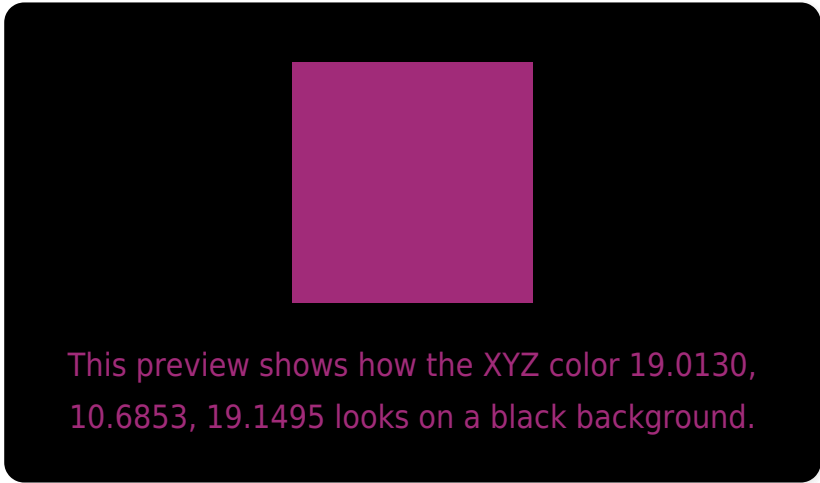
Large Text (above 18pt) WCAG AA ✓ Pass

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 19.0130, 10.6853, 19.1495

Background



This preview shows how black text looks on a background with the XYZ color 19.0130, 10.6853, 19.1495.



This preview shows how white text looks on a background with the XYZ color 19.0130, 10.6853,

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

19.0130, 10.6853, 19.1495

Protanopia

12.0926, 11.0746, 33.8480

Deuteranopia

11.0927, 10.9212, 17.4429



Tritanopia

16.2516, 10.6698, 6.0534

Trichromacy



Original Color

19.0130, 10.6853, 19.1495

Protanomaly

12.8151, 9.6512, 27.9755

Deuteranomaly

12.8621, 9.8949, 18.0616

Tritanomaly

17.0594, 10.5633, 9.7341

Monochromacy



Original Color

19.0130, 10.6853, 19.1495

Achromatopsia

9.0590, 9.5307, 10.3790

Achromatomaly

11.4448, 8.9847, 12.9354

CSS Examples

Text

The CSS property to change the color of the text to XYZ 19.0130, 10.6853, 19.1495 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(161, 43, 121)` looks like.

```
.text, #text, p{  
    color:rgb(161, 43, 121)  
}
```

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(161, 43, 121) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(161, 43, 121) }
```

Border

The CSS property to change the border of an element to XYZ 19.0130, 10.6853, 19.1495 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(161, 43, 121) }
```


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

```
.border{ border-color:rgb(161, 43, 121) }
```

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

Here you see how a box with a 4 pixel rgb(161, 43, 121) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(161, 43, 121); -webkit-box-  
shadow:4px 4px 4px 4px rgb(161, 43, 121);  
box-shadow:4px 4px 4px 4px rgb(161, 43,  
121) }
```

Background

The CSS property to change the background color of an element to XYZ 19.0130, 10.6853, 19.1495 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(161, 43, 121) }
```

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

```
.background{ background-color: rgb(161, 43,  
121) }
```

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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