

Converting Colors

XYZ(19.6026, 9.5308, 26.8831)

Have a look what the booklet for
XYZ(19.6026, 9.5308, 26.8831)
contains.

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Color

**XYZ(19.6559, 9.5602,
26.7959)**

Conversions

Conversions Part 1

Format	Color
Hex	A1008F
RGB	161, 0, 143
RGB Percent	63%, 0%, 56%
CMY	0.3686, 0.9999, 0.4392
CMYK	0.00, 1.00, 0.11, 0.37
HSL	307°, 100%, 32%
HSV	307°, 100%, 63%
XYZ	19.6559, 9.5602, 26.7959
YIQ	64.4410, 50.0530, 78.6050

Conversions

Conversions Part 2

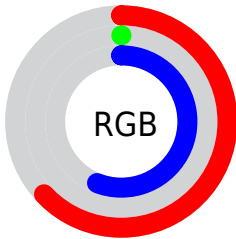
Format	Color
R_{YB}	161, 0, 143
Decimal	10551439
CIE _{Lab}	37.04, 67.05, -33.88
CIE _{LCh}	37, 75.128, 333.192
Yxy	9.5602, 0.3509, 0.1707
Android (android.graphics.Color)	4288741519 (0xFFA1008F)
YUV	64.4410, 38.7296, 84.6822
Hunter-Lab	30.9196, 59.3651, -29.7389

Details

The XYZ color **19.6559, 9.5602, 26.7959** is a dark color, and the websafe version is hex **990099**. A complement of this color would be **12.8546, 25.5339, 4.8240**, and the grayscale version is **4.8790, 5.1331, 5.5900**.

A 20% lighter version of the original color is **42.1601, 24.8286, 55.3936**, and **7.7575, 3.7760, 10.4452** is the 20% darker color. If you saturate the color by 10%, you get **19.6560, 9.5603, 26.7954**, and if you desaturate by 10%, it is **19.9806, 9.9894, 27.5825**.

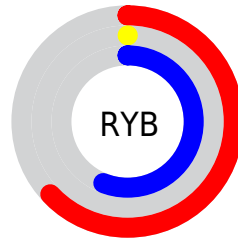
Distribution



Red (63%)

Green (0%)

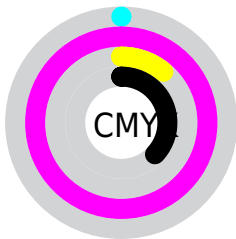
Blue (56%)



Red (63%)

Yellow (0%)

Blue (56%)

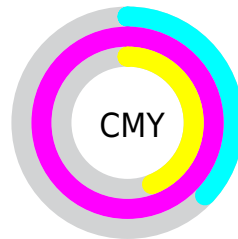


Cyan (0%)

Magenta (100%)

Yellow (11%)

Black (37%)



Cyan (37%)


Magenta (100%)


Yellow (44%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 19.6559, 9.5602, 26.7959 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 19.6559, 9.5602, 26.7959 by changing the saturation by 10% instead.


 19.6559, 9.5602,
26.7959


 19.6559, 9.5602,
26.7959


242.9154,
187.5037, 300.3964


 12.2520, 5.1083,
17.1889


 42.3479, 24.9649,
55.5559

 6.9889, 2.3110,
10.2059


 58.3666, 36.6866,
75.5461


 3.5015, 0.7795,
5.4283

 77.9877, 51.6003,
99.8343

 1.4242, 0.0000,
2.4376

 101.5765, 70.0905,
128.8392

 0.2733, 0.0000,
0.8068

 129.4983, 92.5415,
162.9794

 0.0000, 0.0000,
0.0000

 162.1184,

119.3378, 202.6732

199.8024,
150.8637, 248.3394

■ 19.6559, 9.5602,
26.7959

■ 19.6559, 9.5602,
26.7959

■ 19.6560, 9.5603,
26.7954

■ 19.9806, 9.9894,
27.5825

■ 20.4557, 10.7159,
28.4300

■ 21.1451, 11.8678,
29.3599

■ 22.0763, 13.4995,
30.3813

■ 23.2723, 15.6573,
31.5020

■ 24.7536, 18.3822,
32.7288

■ 26.5387, 21.7109,
34.0679

■ 28.6444, 25.6773,
35.5251

■ 31.0863, 30.3125,
37.1056

Harmonies

Analogous

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



14.9257, 9.5602, 50.0198



19.6559, 9.5602, 26.7959



21.2860, 9.5602, 9.0452

Triad

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



19.6559, 9.5602, 26.7959



8.5969, 9.5602, 0.0000



3.4629, 9.5602, 31.7173

Complementary

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



19.6559, 9.5602, 26.7959



12.8546, 25.5339, 4.8240

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.



2.7563, 9.5602, 11.9044



19.6559, 9.5602, 26.7959



5.0120, 9.5602, 0.0695

Square

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



19.6559, 9.5602, 26.7959



13.7550, 9.5602, 0.0000



3.2072, 9.5602, 2.5966



5.6159, 9.5602, 54.1990

Rectangle

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



19.6559, 9.5602, 26.7959



20.0581, 9.5602, 3.2224



3.2072, 9.5602, 2.5966



3.0894, 9.5602, 24.1338

Sweetspot

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



19.6563, 9.5607, 26.7961



47.3296, 38.5103, 60.8691



6.6489, 2.6847, 33.8865



10.0917, 7.9067, 13.1377



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.



19.6563, 9.5607, 26.7961



35.1559, 17.1031, 47.7464



15.6354, 7.9523, 5.6227



7.3301, 7.1885, 8.7245



15.7078, 7.6392, 21.4495



0.3391, 0.1641, 0.4983

Inverse Universe

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



19.6563, 9.5607, 26.7961



35.1559, 17.1031, 47.7464



14.8846, 26.3460, 15.5141



7.3301, 7.1885, 8.7245



15.7078, 7.6392, 21.4495



0.3391, 0.1641, 0.4983

Previews

White Background



This preview shows how the XYZ color 19.6559, 9.5602, 26.7959 looks on a white background.

Color Contrast Check

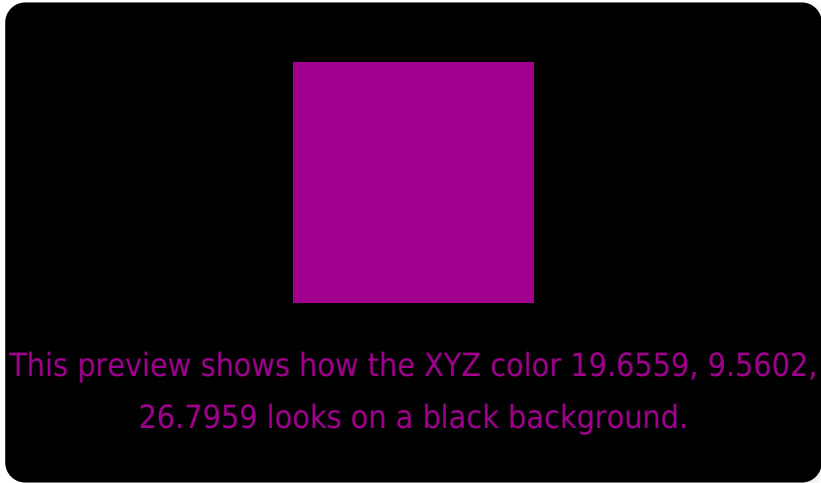
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

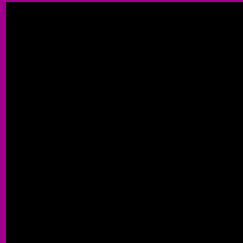
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 19.6559, 9.5602, 26.7959

Background



This preview shows how black text looks on a background with the XYZ color 19.6559, 9.5602, 26.7959.



This preview shows how white text looks on a background with the XYZ color 19.6559, 9.5602,

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

19.6559, 9.5602, 26.7959

Protanopia

12.0599, 10.2771, 46.6954

Deuteranopia

10.4012, 10.1681, 23.9687



Tritanopia

15.3667, 9.9269, 5.3811

Trichromacy



Original Color

19.6559, 9.5602, 26.7959



Protanomaly

10.3313, 6.5268, 38.2514



Deuteranomaly

11.5720, 7.6160, 24.5270



Tritanomaly

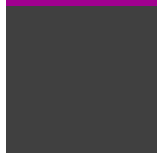
16.1866, 9.0679, 10.5700

Monochromacy



Original Color

19.6559, 9.5602, 26.7959



Achromatopsia

4.8732, 5.1269, 5.5832



Achromatomaly

7.9143, 5.0288, 10.9095

CSS Examples

Text

The CSS property to change the color of the text to XYZ 19.6559, 9.5602, 26.7959 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, 0, 143)` looks like.

```
.text, #text, p{  
    color:rgb(161, 0, 143)  
}
```

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, 0, 143) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(161, 0, 143) }
```

Border

The CSS property to change the border of an element to XYZ 19.6559, 9.5602, 26.7959 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, 0, 143) }
```


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

```
.border{ border-color:rgb(161, 0, 143) }
```

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

Here you see how a box with a 4 pixel `rgb(161, 0, 143)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(161, 0, 143); -webkit-box-  
shadow:4px 4px 4px 4px rgb(161, 0, 143);  
box-shadow:4px 4px 4px 4px rgb(161, 0,  
143) }
```

Background

The CSS property to change the background color of an element to XYZ 19.6559, 9.5602, 26.7959 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(161, 0, 143) }
```

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

```
.background{ background-color: rgb(161, 0,  
143) }
```

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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