

Converting Colors

XYZ(19.4902, 10.6589, 16.5179)

Have a look what the booklet for
XYZ(19.4902, 10.6589, 16.5179)
contains.

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Color

**XYZ(19.5479, 10.6695,
16.6519)**

Conversions

Conversions Part 1

| Format | Color |
|---------------|---------------------------|
| Hex | A72471 |
| RGB | 167, 36, 113 |
| RGB Percent | 65%, 14%, 44% |
| CMY | 0.3451, 0.8588, 0.5569 |
| CMYK | 0.00, 0.78, 0.32, 0.35 |
| HSL | 325°, 65%, 40% |
| HSV | 325°, 78%, 65% |
| XYZ | 19.5479, 10.6695, 16.6519 |
| YIQ | 83.9470, 53.3590, 51.7190 |

Conversions

Conversions Part 2

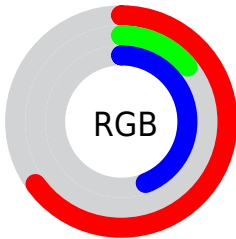
| Format | Color |
|-------------------------------------|------------------------------|
| R_{YB} | 167, 36, 113 |
| Decimal | 10953841 |
| CIE _{Lab} | 39.02, 57.99, -12.10 |
| CIE _{LCh} | 39, 59.238, 348.218 |
| Yxy | 10.6695, 0.4171, 0.2276 |
| Android (android.graphics.Color) | 4289143921 (0xFFA72471) |
| YUV | 83.9470, 14.3231, 72.8375 |
| Hunter-Lab | 32.6642, 49.6610, -7.3605 |

Details

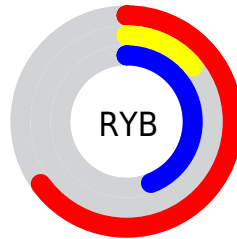
The XYZ color **19.5479, 10.6695, 16.6519** is a dark color, and the websafe version is hex **990066**. A complement of this color would be **16.3925, 28.7511, 14.3604**, and the grayscale version is **8.3804, 8.8169, 9.6016**.

A 20% lighter version of the original color is **42.2478, 27.0698, 38.5956**, and **7.3845, 3.6967, 5.3253** is the 20% darker color. If you saturate the color by 10%, you get **18.7821, 9.7348, 14.5563**, and if you desaturate by 10%, it is **20.5795, 12.0885, 18.9813**.

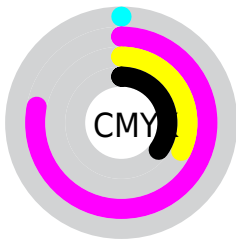
Distribution



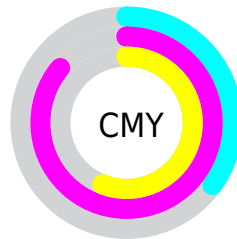
- Red (65%)
- Green (14%)
- Blue (44%)



- Red (65%)
- Yellow (14%)
- Blue (44%)



- Cyan (0%)
- Magenta (78%)
- Yellow (32%)
- Black (35%)





- Cyan (35%)
- Magenta (86%)
- Yellow (56%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 19.5479, 10.6695, 16.6519 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 19.5479, 10.6695, 16.6519 by changing the saturation by 10% instead.


 19.5479, 10.6695,
16.6519


 19.5479, 10.6695,
16.6519


242.3375,
195.3859, 245.1340


 12.1732, 5.8451,
9.8273


 42.1676, 27.0474,
38.5087


 6.9348, 2.7511,
5.1805


 58.1434, 39.3696,
54.3780


 3.4673, 1.0032,
2.2930

 77.7169, 54.9599,
74.0992

 1.4054, 0.0000,
0.7273

 101.2534, 74.2026,
98.0910

 0.2601, 0.0000,
0.0000

 129.1184, 97.4822,
126.7718

 0.0000, 0.0000,
0.0000

 161.6772,

125.1830, 160.5602

199.2951,
157.6894, 199.8748

■ 19.5479, 10.6695,
16.6519

■ 19.5479, 10.6695,
16.6519

■ 18.7821, 9.7348,
14.5563

■ 20.5795, 12.0885,
18.9813

■ 18.2280, 9.1774,
12.6732

■ 21.9055, 14.0485,
21.5570

■ 18.1484, 9.1003,
12.3939

■ 23.5519, 16.6001,
24.3906

■ 25.5411, 19.7874,
27.4926

■ 27.8937, 23.6505,
30.8727

■ 30.6284, 28.2261,
34.5399

■ 33.7627, 33.5482,
38.5027

■ 37.3129, 39.6486,
42.7692

■ 41.2945, 46.5573,
47.3470

Harmonies

Analogous

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



16.9290, 10.6695, 32.9896



19.5479, 10.6695, 16.6519



19.2078, 10.6695, 6.0549

Triad

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



19.5479, 10.6695, 16.6519



7.9459, 10.6695, 0.7693



5.8735, 10.6695, 36.5775

Complementary

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



19.5479, 10.6695, 16.6519



16.3925, 28.7511, 14.3604

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.



4.4998, 10.6695, 19.8366



19.5479, 10.6695, 16.6519



5.4642, 10.6695, 2.3128

Square

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



19.5479, 10.6695, 16.6519



11.7732, 10.6695, 0.6490



4.3725, 10.6695, 7.7159



8.6672, 10.6695, 48.6023

Rectangle

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



19.5479, 10.6695, 16.6519



17.3601, 10.6695, 2.6846



4.3725, 10.6695, 7.7159



5.2655, 10.6695, 30.9540

Sweetspot

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



19.5482, 10.6701, 16.6521



51.8324, 45.4803, 57.8576



11.6692, 6.1469, 37.1308



11.2371, 9.5748, 12.4533



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.



19.5482, 10.6701, 16.6521



32.9019, 16.6882, 23.5897



17.1242, 9.7005, 3.8875



7.7091, 7.6135, 8.7852



13.9121, 6.9735, 9.6145



0.3630, 0.1795, 0.3630

Inverse Universe

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



19.5482, 10.6701, 16.6521



32.9019, 16.6882, 23.5897



20.3712, 30.3426, 35.3118



7.7091, 7.6135, 8.7852



13.9121, 6.9735, 9.6145



0.3630, 0.1795, 0.3630

Previews

White Background



This preview shows how the XYZ color 19.5479, 10.6695, 16.6519 looks on a white background.

Color Contrast Check

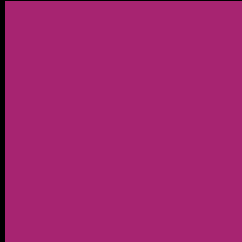
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



This preview shows how the XYZ color 19.5479, 10.6695, 16.6519 looks on a 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 19.5479, 10.6695, 16.6519

Background



This preview shows how black text looks on a background with the XYZ color 19.5479, 10.6695, 16.6519.



This preview shows how white text looks on a background with the XYZ color 19.5479, 10.6695,

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

19.5479, 10.6695, 16.6519

Protanopia

11.8628, 11.0144, 31.2065

Deuteranopia

11.1665, 11.0096, 15.1722



Tritanopia

17.1619, 10.7203, 5.0356

Trichromacy



Original Color

19.5479, 10.6695, 16.6519

Protanomaly

12.6664, 9.3447, 25.1809

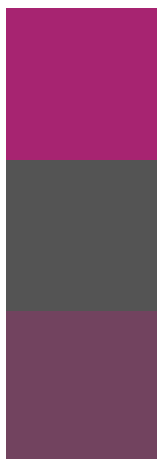
Deuteranomaly

13.0396, 9.7482, 15.6623

Tritanomaly

17.6659, 10.4614, 8.1093

Monochromacy



Original Color

19.5479, 10.6695, 16.6519

Achromatopsia

8.4267, 8.8656, 9.6546

Achromatomaly

11.0121, 8.4179, 11.8709

CSS Examples

Text

The CSS property to change the color of the text to XYZ 19.5479, 10.6695, 16.6519 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, 36, 113)` looks like.

```
.text, #text, p{  
    color:rgb(167, 36, 113)  
}
```

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, 36, 113) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(167, 36, 113) }
```

Border

The CSS property to change the border of an element to XYZ 19.5479, 10.6695, 16.6519 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, 36, 113) }
```


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

```
.border{ border-color:rgb(167, 36, 113) }
```

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

Here you see how a box with a 4 pixel `rgb(167, 36, 113)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(167, 36, 113); -webkit-box-  
shadow:4px 4px 4px 4px rgb(167, 36, 113);  
box-shadow:4px 4px 4px 4px rgb(167, 36,  
113) }
```

Background

The CSS property to change the background color of an element to XYZ 19.5479, 10.6695, 16.6519 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(167, 36, 113) }
```

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

```
.background{ background-color: rgb(167, 36,  
113) }
```

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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