

Converting Colors

XYZ(17.2353, 10.5387, 19.4799)

Have a look what the booklet for
XYZ(17.2353, 10.5387, 19.4799)
contains.

XYZ(17.2735, 10.5271, 19.5339)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(17.2735, 10.5271,
19.5339)**

Conversions

Conversions Part 1

Format	Color
Hex	95377A
RGB	149, 55, 122
RGB Percent	58%, 22%, 48%
CMY	0.4157, 0.7843, 0.5216
CMYK	0.00, 0.63, 0.18, 0.42
HSL	317°, 46%, 40%
HSV	317°, 63%, 58%
XYZ	17.2735, 10.5271, 19.5339
YIQ	90.7440, 34.5170, 40.7650

Conversions

Conversions Part 2

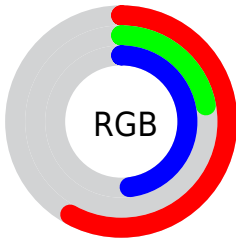
Format	Color
R_{YB}	149, 55, 122
Decimal	9779066
CIE _{Lab}	38.77, 47.13, -18.36
CIE _{LCh}	39, 50.580, 338.711
Yxy	10.5271, 0.3649, 0.2224
Android (android.graphics.Color)	4287969146 (0xFF95377A)
YUV	90.7440, 15.4092, 51.0905
Hunter-Lab	32.4455, 38.2511, -12.9839

Details

The XYZ color **17.2735, 10.5271, 19.5339** is a dark color, and the websafe version is hex **993366**. A complement of this color would be **13.8465, 22.9167, 11.6772**, and the grayscale version is **9.8471, 10.3599, 11.2819**.

A 20% lighter version of the original color is **38.2773, 26.7994, 43.7128**, and **5.9219, 2.9139, 6.5537** is the 20% darker color. If you saturate the color by 10%, you get **16.4103, 9.2157, 17.9664**, and if you desaturate by 10%, it is **18.3628, 12.2717, 21.2345**.

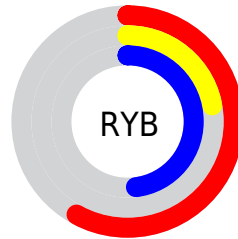
Distribution



Red (58%)

Green (22%)

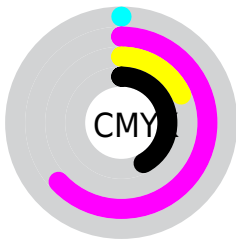
Blue (48%)



Red (58%)

Yellow (22%)

Blue (48%)

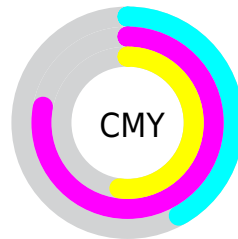


Cyan (0%)

Magenta (63%)

Yellow (18%)

Black (42%)



Cyan (42%)

Magenta (78%)

Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 17.2735, 10.5271, 19.5339 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 17.2735, 10.5271, 19.5339 by changing the saturation by 10% instead.

■ 17.2735, 10.5271,
19.5339

■ 17.2735, 10.5271,
19.5339

229.8692,
194.3938, 261.9008

■ 10.5262, 5.7498,
11.8760

■ 38.3353, 26.7823,
43.4830

■ 5.8141, 2.6936,
6.5378

■ 53.3805, 39.0290,
60.6112

■ 2.7720, 0.9739,
3.1007

■ 71.9223, 54.5344,
81.7334

■ 1.0344, 0.0000,
1.1463

■ 94.3262, 73.6827,
107.2679

■ 0.0000, 0.0000,
0.0000

■ 120.9575, 96.8584,
137.6333

■ 152.1815,

124.4459, 173.2483

188.3637,
156.8295, 214.5313

■ 17.2735, 10.5271,
19.5339

■ 17.2735, 10.5271,
19.5339

■ 16.4103, 9.2157,
17.9664

■ 18.3628, 12.2717,
21.2345

■ 15.7521, 8.2959,
16.5241

■ 19.6947, 14.4828,
23.0743

■ 15.2753, 7.7209,
15.1985

■ 21.2854, 17.1923,
25.0594

■ 15.0065, 7.4344,
14.3344

■ 23.1494, 20.4288,
27.1954

■ 25.2998, 24.2189,
29.4873

■ 27.7493, 28.5872,
31.9399

■ 30.5095, 33.5568,
34.5579

■ 33.5915, 39.1496,
37.3456

■ 37.0057, 45.3865,
40.3071

Harmonies

Analogous

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



14.5905, 10.5271, 32.6769



17.2735, 10.5271, 19.5339



17.8036, 10.5271, 8.8931

Triad

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



17.2735, 10.5271, 19.5339



9.0630, 10.5271, 1.1944



5.7797, 10.5271, 27.2694

Complementary

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



17.2735, 10.5271, 19.5339



13.8465, 22.9167, 11.6772

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.



4.9001, 10.5271, 14.4839



17.2735, 10.5271, 19.5339



6.4987, 10.5271, 2.2603

Square

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



17.2735, 10.5271, 19.5339



12.5269, 10.5271, 1.4409



5.1302, 10.5271, 5.9913



7.8477, 10.5271, 38.6119

Rectangle

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



17.2735, 10.5271, 19.5339



16.7722, 10.5271, 4.6958



5.1302, 10.5271, 5.9913



5.3589, 10.5271, 22.7816

Sweetspot

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



17.2738, 10.5276, 19.5341



42.8206, 38.9776, 50.1880



10.2395, 6.6804, 29.1838



9.2758, 8.2624, 10.8903



71.1368, 74.8414, 81.5023



11.3376, 11.9280, 12.9896

Same Dimension

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



17.2738, 10.5276, 19.5341



28.8199, 15.6875, 30.9970



15.0437, 9.6356, 7.7903



5.9650, 5.8811, 6.9219



12.6432, 6.2623, 12.1338



0.1675, 0.0818, 0.2157

Inverse Universe

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



17.2738, 10.5276, 19.5341



28.8199, 15.6875, 30.9970



16.2616, 23.8827, 24.3946



5.9650, 5.8811, 6.9219



12.6432, 6.2623, 12.1338



0.1675, 0.0818, 0.2157

Previews

White Background



This preview shows how the XYZ color 17.2735, 10.5271, 19.5339 looks on a white background.

Color Contrast Check

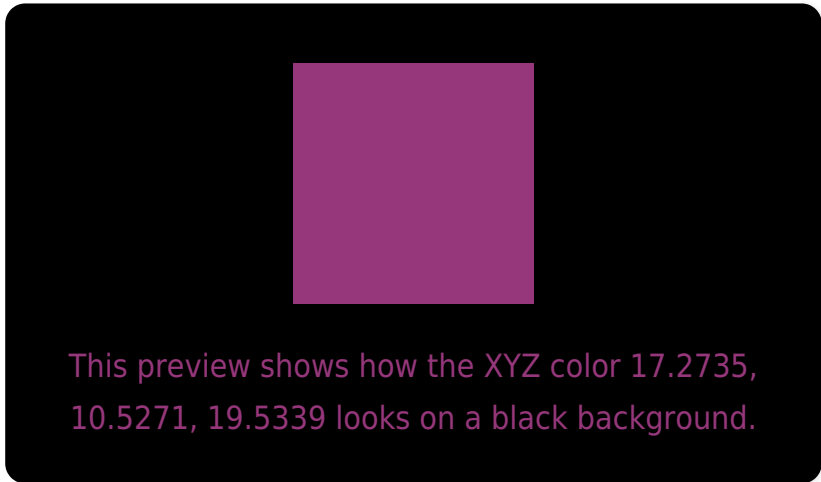
Large Text (above 18pt) WCAG AA ✓ Pass

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

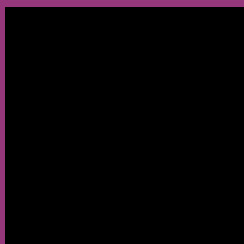
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 17.2735, 10.5271, 19.5339

Background



This preview shows how black text looks on a background with the XYZ color 17.2735, 10.5271, 19.5339.



This preview shows how white text looks on a background with the XYZ color 17.2735, 10.5271,

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

17.2735, 10.5271, 19.5339

Protanopia

11.6154, 10.7795, 30.3226

Deuteranopia

10.8916, 10.6714, 18.3154



Tritanopia

14.7713, 10.5446, 7.5601

Trichromacy



Original Color

17.2735, 10.5271, 19.5339

Protanomaly

12.4245, 9.7979, 26.0473

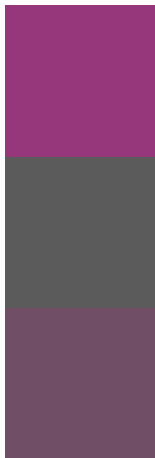
Deuteranomaly

12.4141, 9.9547, 18.7199

Tritanomaly

15.5199, 10.4213, 11.0911

Monochromacy



Original Color

17.2735, 10.5271, 19.5339

Achromatopsia

9.9438, 10.4616, 11.3927

Achromatomaly

11.8048, 9.8528, 13.8500

CSS Examples

Text

The CSS property to change the color of the text to XYZ 17.2735, 10.5271, 19.5339 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(149, 55, 122)` looks like.

```
.text, #text, p{  
    color:rgb(149, 55, 122)  
}
```

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(149, 55, 122) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(149, 55, 122) }
```

Border

The CSS property to change the border of an element to XYZ 17.2735, 10.5271, 19.5339 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(149, 55, 122) }
```


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

```
.border{ border-color:rgb(149, 55, 122) }
```

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

Here you see how a box with a 4 pixel `rgb(149, 55, 122)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(149, 55, 122); -webkit-box-shadow:4px 4px 4px 4px rgb(149, 55, 122); box-shadow:4px 4px 4px 4px rgb(149, 55, 122) }
```

Background

The CSS property to change the background color of an element to XYZ 17.2735, 10.5271, 19.5339 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(149, 55, 122) }
```

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

```
.background{ background-color: rgb(149, 55,  
122) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor