

Converting Colors

XYZ(19.7455, 16.0226, 15.3021)

Have a look what the booklet for
XYZ(19.7455, 16.0226, 15.3021)
contains.

XYZ(19.7789, 15.9766, 15.4059)	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(19.7789, 15.9766,
15.4059)**

Conversions

Conversions Part 1

Format	Color
Hex	995F69
RGB	153, 95, 105
RGB Percent	60%, 37%, 41%
CMY	0.4000, 0.6274, 0.5882
CMYK	0.00, 0.38, 0.31, 0.40
HSL	350°, 23%, 49%
HSV	350°, 38%, 60%
XYZ	19.7789, 15.9766, 15.4059
YIQ	113.4820, 31.3580, 15.4060

Conversions

Conversions Part 2

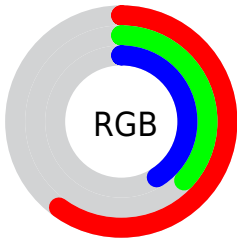
Format	Color
R _Y B	153, 95, 105
Decimal	10051433
CIE Lab	46.94, 24.99, 4.31
CIE LCh	47, 25.354, 9.780
Yxy	15.9766, 0.3866, 0.3123
Android (android.graphics.Color)	4288241513 (0xFF995F69)
YUV	113.4820, -4.1816, 34.6573
Hunter-Lab	39.9707, 18.3792, 5.1274

Details

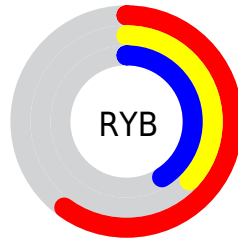
The XYZ color **19.7789, 15.9766, 15.4059** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **21.0692, 27.1990, 30.1275**, and the grayscale version is **15.8452, 16.6704, 18.1541**.

A 20% lighter version of the original color is **42.5741, 36.5134, 36.2564**, and **7.0358, 5.0478, 4.6065** is the 20% darker color. If you saturate the color by 10%, you get **17.9305, 13.2450, 11.8143**, and if you desaturate by 10%, it is **21.9958, 19.2899, 19.5989**.

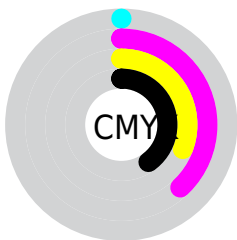
Distribution



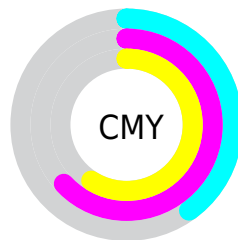
- Red (60%)
- Green (37%)
- Blue (41%)



- Red (60%)
- Yellow (37%)
- Blue (41%)



- Cyan (0%)
- Magenta (38%)
- Yellow (31%)
- Black (40%)



- Cyan (40%)
- Magenta (63%)
- Yellow (59%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 19.7789, 15.9766, 15.4059 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 19.7789, 15.9766, 15.4059 by changing the saturation by 10% instead.

■ 19.7789, 15.9766,
15.4059

■ 19.7789, 15.9766,
15.4059

243.5721,
229.2036, 237.5349

■ 12.3418, 9.5076,
8.9550

■ 42.5530, 36.5576,
36.3160

■ 7.0507, 5.0737,
4.6154

■ 58.6206, 51.4383,
51.6123

■ 3.5405, 2.2906,
1.9687

■ 78.2957, 69.8918,
70.6941

■ 1.4456, 0.7687,
0.5359

■ 101.9438, 92.3024,
93.9799

■ 0.2884, 0.0000,
0.0000

129.9301,
119.0545, 121.8884

■ 0.0000, 0.0000,
0.0000

162.6200,

150.5324, 154.8380

200.3789,
187.1207, 193.2473

■ 19.7789, 15.9766,
15.4059

■ 19.7789, 15.9766,
15.4059

■ 17.9305, 13.2450,
11.8143

■ 21.9958, 19.2899,
19.5989

■ 16.4292, 11.0592,
8.7953

■ 24.5984, 23.2134,
24.4182

■ 15.2531, 9.3830,
6.3193


■ 27.6048, 27.7766,
29.8887


■ 14.3775, 8.1748,
4.3533


■ 31.0310, 33.0063,
36.0334


■ 13.7738, 7.3864,
2.8610


■ 34.8925, 38.9278,
42.8744


 13.3938, 6.9307,
1.7958

 39.2039, 45.5652,
50.4325

 13.3276, 6.8486,
1.6187

 43.9791, 52.9411,
58.7280

 49.2315, 61.0776,
67.7800

 54.9738, 69.9955,
77.6072

Harmonies

Analogous

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



19.5407, 15.9766, 21.9594



19.7789, 15.9766, 15.4059



18.6976, 15.9766, 10.7027

Triad

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



19.7789, 15.9766, 15.4059



12.6210, 15.9766, 9.6074



13.7609, 15.9766, 31.5284

Complementary

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



19.7789, 15.9766, 15.4059



21.0692, 27.1990, 30.1275

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.



12.1429, 15.9766, 26.4212



19.7789, 15.9766, 15.4059



11.5305, 15.9766, 13.5128

Square

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



19.7789, 15.9766, 15.4059



14.4736, 15.9766, 7.9345



11.3644, 15.9766, 19.5501



15.9200, 15.9766, 32.3897

Rectangle

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



19.7789, 15.9766, 15.4059



17.4304, 15.9766, 8.8441



11.3644, 15.9766, 19.5501



13.1417, 15.9766, 30.2013

Sweetspot

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



19.7793, 15.9774, 15.4062



47.5721, 46.9087, 50.1514



21.0609, 16.2684, 32.1673



10.3572, 10.1343, 10.8065



72.9764, 76.7769, 83.6100



11.9732, 12.5967, 13.7178

Same Dimension

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



19.7793, 15.9774, 15.4062



32.7279, 24.6263, 22.3712



21.1491, 19.4915, 13.4749



6.2501, 6.2392, 6.6972



11.0241, 5.6639, 1.3859



0.1744, 0.0885, 0.0710

Inverse Universe

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



19.7793, 15.9774, 15.4062



32.7279, 24.6263, 22.3712



19.0826, 21.9592, 33.3700



6.2501, 6.2392, 6.6972



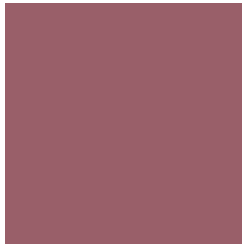
11.0241, 5.6639, 1.3859



0.1744, 0.0885, 0.0710

Previews

White Background



This preview shows how the XYZ color 19.7789, 15.9766, 15.4059 looks on a white background.

Color Contrast Check

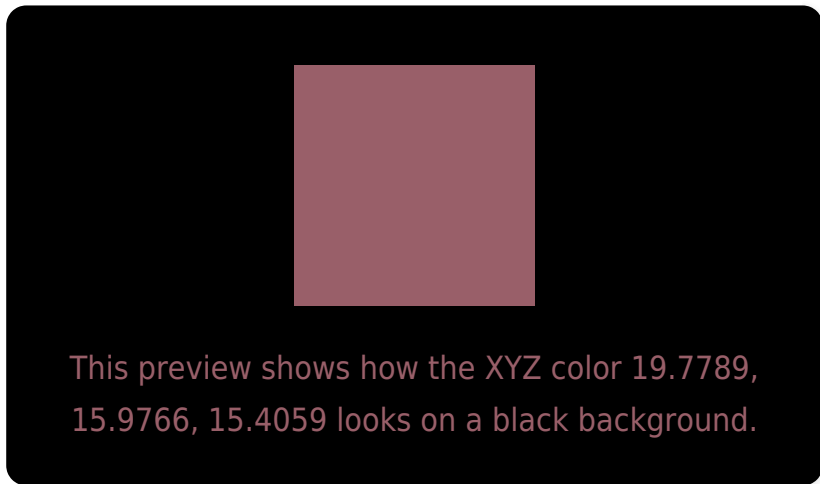
Large Text (above 18pt) WCAG AA ✓ Pass

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 19.7789, 15.9766, 15.4059

Background



This preview shows how black text looks on a background with the XYZ color 19.7789, 15.9766, 15.4059.



This preview shows how white text looks on a background with the XYZ color 19.7789, 15.9766,

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

19.7789, 15.9766, 15.4059

Protanopia

15.5318, 16.0945, 18.2075

Deuteranopia

16.4149, 16.1400, 15.0821



Tritanopia

19.6773, 15.9360, 14.8708

Trichromacy



Original Color

19.7789, 15.9766, 15.4059

Protanomaly

16.8229, 15.8400, 17.2097

Deuteranomaly

17.5023, 15.9342, 15.2498

Tritanomaly

19.7278, 15.9562, 15.1368

Monochromacy



Original Color

19.7789, 15.9766, 15.4059

Achromatopsia

15.6958, 16.5132, 17.9829

Achromatomaly

16.8706, 16.0231, 16.9554

CSS Examples

Text

The CSS property to change the color of the text to XYZ 19.7789, 15.9766, 15.4059 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(153, 95, 105)` looks like.

```
.text, #text, p{  
    color:rgb(153, 95, 105)  
}
```

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(153, 95, 105) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(153, 95, 105) }
```

Border

The CSS property to change the border of an element to XYZ 19.7789, 15.9766, 15.4059 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(153, 95, 105) }
```


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

```
.border{ border-color:rgb(153, 95, 105) }
```

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

Here you see how a box with a 4 pixel `rgb(153, 95, 105)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(153, 95, 105); -webkit-box-shadow:4px 4px 4px 4px rgb(153, 95, 105); box-shadow:4px 4px 4px 4px rgb(153, 95, 105) }
```

Background

The CSS property to change the background color of an element to XYZ 19.7789, 15.9766, 15.4059 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(153, 95, 105) }
```

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

```
.background{ background-color: rgb(153, 95,  
105) }
```

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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