

Converting Colors

XYZ(19.6083, 15.9590, 10.0174)

Have a look what the booklet for
XYZ(19.6083, 15.9590, 10.0174)
contains.

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Color

**XYZ(19.7158, 16.0627,
10.0439)**

Conversions

Conversions Part 1

Format	Color
Hex	9E5F52
RGB	158, 95, 82
RGB Percent	62%, 37%, 32%
CMY	0.3804, 0.6274, 0.6784
CMYK	0.00, 0.40, 0.48, 0.38
HSL	10°, 32%, 47%
HSV	10°, 48%, 62%
XYZ	19.7158, 16.0627, 10.0439
YIQ	112.3550, 41.7210, 9.3130

Conversions

Conversions Part 2

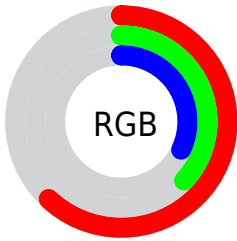
Format	Color
R_{YB}	158, 98, 82
Decimal	10379090
CIE _{Lab}	47.06, 24.18, 18.35
CIE _{LCh}	47, 30.358, 37.192
Yxy	16.0627, 0.4303, 0.3505
Android (android.graphics.Color)	4288569170 (0xFF9E5F52)
YUV	112.3550, -14.9650, 40.0307
Hunter-Lab	40.0783, 17.6729, 13.1963

Details

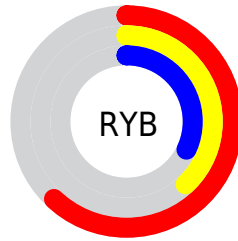
The XYZ color **19.7158, 16.0627, 10.0439** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **19.7762, 24.5123, 36.0369**, and the grayscale version is **15.5399, 16.3492, 17.8042**.

A 20% lighter version of the original color is **42.3999, 36.6435, 26.3109**, and **6.9440, 5.0502, 2.3591** is the 20% darker color. If you saturate the color by 10%, you get **18.1002, 13.6855, 6.8729**, and if you desaturate by 10%, it is **21.6690, 18.8936, 14.0108**.

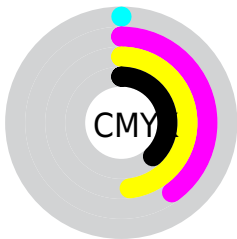
Distribution



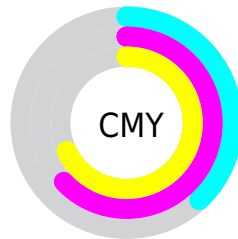
- Red (62%)
- Green (37%)
- Blue (32%)



- Red (62%)
- Yellow (38%)
- Blue (32%)



- Cyan (0%)
- Magenta (40%)
- Yellow (48%)
- Black (38%)



- Cyan (38%)
- Magenta (63%)
- Yellow (68%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 19.7158, 16.0627, 10.0439 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 19.7158, 16.0627, 10.0439 by changing the saturation by 10% instead.

■ 19.7158, 16.0627,
10.0439

■ 19.7158, 16.0627,
10.0439

243.2354,
229.7114, 201.4813

■ 12.2957, 9.5685,
5.3221

■ 42.4478, 36.7070,
26.4871

■ 7.0190, 5.1138,
2.3754

■ 58.4903, 51.6260,
39.0457

■ 3.5204, 2.3142,
0.7730

■ 78.1378, 70.1220,
55.0535

■ 1.4346, 0.7812,
0.0000

■ 101.7554, 92.5794,
74.9292

■ 0.2807, 0.0000,
0.0000

■ 129.7087,
119.3826, 99.0913

■ 0.0000, 0.0000,
0.0000

162.3628,

150.9161, 127.9583

200.0833,
187.5643, 161.9488

■ 19.7158, 16.0627,
10.0439

■ 19.7158, 16.0627,
10.0439

■ 18.1002, 13.6855,
6.8729

■ 21.6690, 18.8936,
14.0108

■ 16.8015, 11.7359,
4.4429

■ 23.9766, 22.1978,
18.8216

■ 15.7984, 10.1888,
2.6932

■ 26.6556, 25.9964,
24.5218

■ 15.0665, 9.0155,
1.5533

■ 29.7215, 30.3089,
31.1530

■ 14.5693, 8.1802,
0.8972

■ 33.1892, 35.1533,
38.7546

■ 14.4933, 8.0545,
0.7908

■ 37.0724, 40.5472,
47.3635

■ 41.3844, 46.5069,
57.0145

■ 46.1379, 53.0485,
67.7411

■ 51.3450, 60.1870,
79.5751

Harmonies

Analogous

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



20.9259, 16.0627, 15.7187



19.7158, 16.0627, 10.0439



17.3373, 16.0627, 7.1620

Triad

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



19.7158, 16.0627, 10.0439



11.0202, 16.0627, 12.4027



15.9166, 16.0627, 36.4245

Complementary

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



19.7158, 16.0627, 10.0439



19.7762, 24.5123, 36.0369

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.



13.3686, 16.0627, 34.7699



19.7158, 16.0627, 10.0439



10.7333, 16.0627, 19.3886

Square

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



19.7158, 16.0627, 10.0439



12.3788, 16.0627, 8.2219



11.5437, 16.0627, 27.9251



18.5730, 16.0627, 31.9497

Rectangle

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



19.7158, 16.0627, 10.0439



15.5191, 16.0627, 6.5578



11.5437, 16.0627, 27.9251



15.0179, 16.0627, 36.5840

Sweetspot

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



19.7162, 16.0635, 10.0442



50.4528, 50.0945, 48.9366



22.2546, 15.3585, 28.7147



11.1249, 10.9421, 10.4947



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.



19.7162, 16.0635, 10.0442



32.6004, 24.4520, 11.9651



23.9656, 24.5624, 11.4607



6.7203, 6.8205, 6.9480



11.6287, 6.4931, 0.6404



0.2303, 0.1609, 0.0189

Inverse Universe

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



19.7762, 24.5123, 36.0369



32.6848, 41.6372, 65.0576



14.9439, 14.8477, 34.4261



6.7252, 7.3162, 8.4644



11.4645, 15.0206, 28.2023



0.2283, 0.3151, 0.5120

Previews

White Background



This preview shows how the XYZ color 19.7158, 16.0627, 10.0439 looks on a white background.

Color Contrast Check

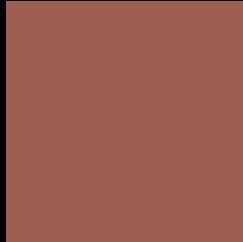
Large Text (above 18pt) WCAG AA ✓ Pass

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 19.7158, 16.0627, 10.0439 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 19.7158, 16.0627, 10.0439

Background



This preview shows how black text looks on a background with the XYZ color 19.7158, 16.0627, 10.0439.



This preview shows how white text looks on a background with the XYZ color 19.7158, 16.0627,

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

19.7158, 16.0627, 10.0439

Protanopia

15.2474, 16.2485, 12.0055

Deuteranopia

16.3785, 16.0811, 9.8301



Tritanopia

20.4646, 16.1005, 13.8335

Trichromacy



Original Color

19.7158, 16.0627, 10.0439

Protanomaly

16.5472, 15.9827, 11.2297

Deuteranomaly

17.4908, 16.0454, 9.9598

Tritanomaly

20.2766, 16.1666, 12.4077

Monochromacy



Original Color

19.7158, 16.0627, 10.0439

Achromatopsia

15.4009, 16.2029, 17.6450

Achromatomaly

16.5563, 15.9148, 14.5112

CSS Examples

Text

The CSS property to change the color of the text to XYZ 19.7158, 16.0627, 10.0439 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(158, 95, 82)` looks like.

```
.text, #text, p{  
  color:rgb(158, 95, 82)  
}
```

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(158, 95, 82) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(158, 95, 82) }
```

Border

The CSS property to change the border of an element to XYZ 19.7158, 16.0627, 10.0439 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(158, 95, 82) }
```


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

```
.border{ border-color:rgb(158, 95, 82) }
```

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

Here you see how a box with a 4 pixel `rgb(158, 95, 82)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(158, 95, 82); -webkit-box-  
shadow:4px 4px 4px 4px rgb(158, 95, 82);  
box-shadow:4px 4px 4px 4px rgb(158, 95,  
82) }
```

Background

The CSS property to change the background color of an element to XYZ 19.7158, 16.0627, 10.0439 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(158, 95, 82) }
```

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

```
.background{ background-color: rgb(158, 95,  
82) }
```

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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