

Converting Colors

XYZ(19.4886, 14.4975, 13.3064)

Have a look what the booklet for
XYZ(19.4886, 14.4975, 13.3064)
contains.

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Color

**XYZ(19.4755, 14.4916,
13.3260)**

Conversions

Conversions Part 1

Format	Color
Hex	9E5462
RGB	158, 84, 98
RGB Percent	62%, 33%, 38%
CMY	0.3804, 0.6706, 0.6157
CMYK	0.00, 0.47, 0.38, 0.38
HSL	349°, 31%, 47%
HSV	349°, 47%, 62%
XYZ	19.4755, 14.4916, 13.3260
YIQ	107.7220, 39.6100, 20.0420

Conversions

Conversions Part 2

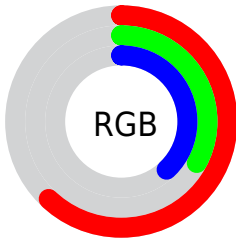
Format	Color
R_{YB}	158, 84, 98
Decimal	10376290
CIE _{Lab}	44.93, 32.14, 5.75
CIE _{LCh}	45, 32.654, 10.147
Yxy	14.4916, 0.4118, 0.3064
Android (android.graphics.Color)	4288566370 (0xFF9E5462)
YUV	107.7220, -4.7929, 44.0938
Hunter-Lab	38.0678, 24.7019, 5.8925

Details

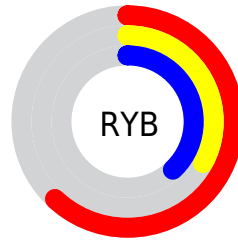
The XYZ color **19.4755, 14.4916, 13.3260** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **20.9178, 28.3525, 30.7572**, and the grayscale version is **14.1817, 14.9202, 16.2481**.

A 20% lighter version of the original color is **42.1131, 33.9449, 32.7662**, and **6.9298, 4.3931, 3.7315** is the 20% darker color. If you saturate the color by 10%, you get **17.8273, 12.0870, 10.0272**, and if you desaturate by 10%, it is **21.4979, 17.4896, 17.2275**.

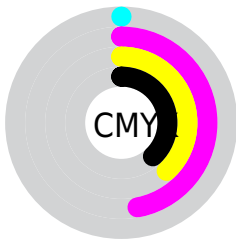
Distribution



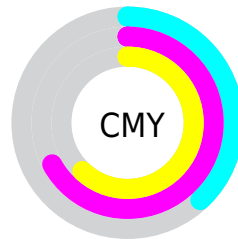
- Red (62%)
- Green (33%)
- Blue (38%)



- Red (62%)
- Yellow (33%)
- Blue (38%)



- Cyan (0%)
- Magenta (47%)
- Yellow (38%)
- Black (38%)




- Cyan (38%)
- Magenta (67%)
- Yellow (62%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 19.4755, 14.4916, 13.3260 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 19.4755, 14.4916, 13.3260 by changing the saturation by 10% instead.


 19.4755, 14.4916,
13.3260


 19.4755, 14.4916,
13.3260


241.9494,
220.2680, 224.2772


 12.1204, 8.4634,
7.5201


 42.0467, 33.9588,
32.5880


 6.8985, 4.3929,
3.7061


 57.9936, 48.1665,
46.8811


 3.4445, 1.8957,
1.4655

 77.5351, 65.8696,
64.8403

 1.3929, 0.5458,
0.1920

 101.0366, 87.4523,
86.8842

 0.2512, 0.0000,
0.0000

 128.8634,
113.2991, 113.4313

 0.0000, 0.0000,
0.0000

161.3809,

143.7944, 144.9001

198.9544,
179.3226, 181.7093

■ 19.4755, 14.4916,
13.3260

■ 19.4755, 14.4916,
13.3260

■ 17.8273, 12.0870,
10.0272

■ 21.4979, 17.4896,
17.2275

■ 16.5288, 10.2342,
7.3000

■ 23.9148, 21.1147,
21.7593

■ 15.5541, 8.8894,
5.1112


■ 26.7462, 25.4006,
26.9481


■ 14.8733, 8.0015,
3.4240


■ 30.0107, 30.3781,
32.8189


■ 14.4428, 7.4929,
2.1942


■ 33.7253, 36.0758,
39.3953

 14.3334, 7.3623,
1.8862

 37.9066, 42.5211,
46.6998

 42.5699, 49.7395,
54.7538

 47.7302, 57.7556,
63.5781

 53.4015, 66.5927,
73.1923

Harmonies

Analogous

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



19.1934, 14.4916, 21.3221



19.4755, 14.4916, 13.3260



18.0862, 14.4916, 8.0662

Triad

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



19.4755, 14.4916, 13.3260



10.7197, 14.4916, 6.9922



12.1016, 14.4916, 34.0592

Complementary

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



19.4755, 14.4916, 13.3260



20.9178, 28.3525, 30.7572

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.



10.2080, 14.4916, 27.2943



19.4755, 14.4916, 13.3260



9.4845, 14.4916, 11.2908

Square

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



19.4755, 14.4916, 13.3260



12.8884, 14.4916, 5.2746



9.3101, 14.4916, 18.5157



14.6989, 14.4916, 35.1468

Rectangle

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



19.4755, 14.4916, 13.3260



16.4929, 14.4916, 6.1485



9.3101, 14.4916, 18.5157



11.3714, 14.4916, 32.2903

Sweetspot

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



19.4759, 14.4923, 13.3263



50.0120, 48.3188, 51.5463



20.7048, 14.6676, 34.0876



11.0145, 10.4969, 11.1493



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.



19.4759, 14.4923, 13.3263



32.3047, 21.8495, 18.0669



20.8760, 18.2593, 10.8126



6.6818, 6.6656, 7.1754



11.4910, 5.9010, 1.5709



0.2178, 0.1104, 0.0929

Inverse Universe

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



19.4759, 14.4923, 13.3263



32.3047, 21.8495, 18.0669



18.6043, 21.9061, 35.5955



6.6818, 6.6656, 7.1754



11.4910, 5.9010, 1.5709



0.2178, 0.1104, 0.0929

Previews

White Background



This preview shows how the XYZ color 19.4755, 14.4916, 13.3260 looks on a white background.

Color Contrast Check

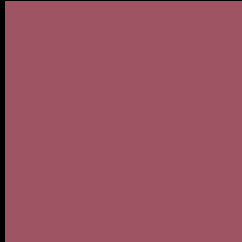
Large Text (above 18pt) WCAG AA ✓ Pass

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 19.4755, 14.4916, 13.3260 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

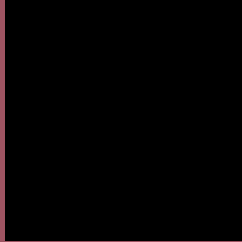
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 19.4755, 14.4916, 13.3260

Background



This preview shows how black text looks on a background with the XYZ color 19.4755, 14.4916, 13.3260.



This preview shows how white text looks on a background with the XYZ color 19.4755, 14.4916,

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

19.4755, 14.4916, 13.3260

Protanopia

14.1528, 14.6220, 16.8282

Deuteranopia

14.8010, 14.5917, 12.8629



Tritanopia

19.0415, 14.4204, 11.6774

Trichromacy



Original Color

19.4755, 14.4916, 13.3260

Protanomaly

15.5734, 14.2116, 15.5580

Deuteranomaly

16.1257, 14.2786, 12.9725

Tritanomaly

19.1735, 14.4732, 12.3727

Monochromacy



Original Color

19.4755, 14.4916, 13.3260

Achromatopsia

14.2537, 14.9960, 16.3306

Achromatomaly

15.5647, 14.3588, 15.0479

CSS Examples

Text

The CSS property to change the color of the text to XYZ 19.4755, 14.4916, 13.3260 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, 84, 98)` looks like.

```
.text, #text, p{  
    color:rgb(158, 84, 98)  
}
```

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, 84, 98) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(158, 84, 98) }
```

Border

The CSS property to change the border of an element to XYZ 19.4755, 14.4916, 13.3260 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, 84, 98) }
```


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

```
.border{ border-color:rgb(158, 84, 98) }
```

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

Here you see how a box with a 4 pixel `rgb(158, 84, 98)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(158, 84, 98); -webkit-box-  
shadow:4px 4px 4px 4px rgb(158, 84, 98);  
box-shadow:4px 4px 4px 4px rgb(158, 84,  
98) }
```

Background

The CSS property to change the background color of an element to XYZ 19.4755, 14.4916, 13.3260 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(158, 84, 98) }
```

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

```
.background{ background-color: rgb(158, 84,  
98) }
```

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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