

Converting Colors

XYZ(19.8861, 15.7772, 14.9570)

Have a look what the booklet for
XYZ(19.8861, 15.7772, 14.9570)
contains.

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Color

**XYZ(19.8801, 15.7765,
14.8293)**

Conversions

Conversions Part 1

Format	Color
Hex	9B5D67
RGB	155, 93, 103
RGB Percent	61%, 36%, 40%
CMY	0.3922, 0.6353, 0.5961
CMYK	0.00, 0.40, 0.34, 0.39
HSL	350°, 25%, 49%
HSV	350°, 40%, 61%
XYZ	19.8801, 15.7765, 14.8293
YIQ	112.6780, 33.7420, 16.2540

Conversions

Conversions Part 2

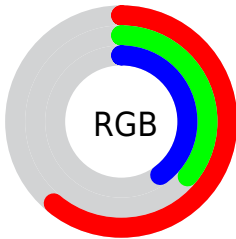
Format	Color
R_{YB}	155, 93, 103
Decimal	10181991
CIE _{Lab}	46.68, 26.63, 5.17
CIE _{LCh}	47, 27.125, 10.984
Yxy	15.7765, 0.3938, 0.3125
Android (android.graphics.Color)	4288372071 (0xFF9B5D67)
YUV	112.6780, -4.7713, 37.1164
Hunter-Lab	39.7196, 19.8318, 5.6679

Details

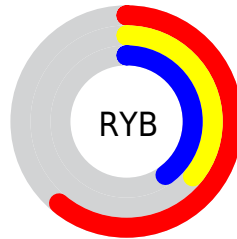
The XYZ color **19.8801, 15.7765, 14.8293** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **21.3471, 27.8146, 31.0332**, and the grayscale version is **15.6077, 16.4205, 17.8820**.

A 20% lighter version of the original color is **42.6700, 36.1285, 35.2964**, and **7.1317, 4.9871, 4.3281** is the 20% darker color. If you saturate the color by 10%, you get **18.0523, 13.0853, 11.2471**, and if you desaturate by 10%, it is **22.0860, 19.0613, 19.0385**.

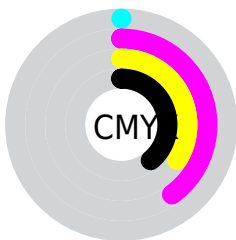
Distribution



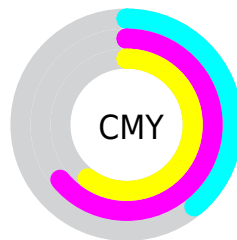
- Red (61%)
- Green (36%)
- Blue (40%)



- Red (61%)
- Yellow (36%)
- Blue (40%)



- Cyan (0%)
- Magenta (40%)
- Yellow (34%)
- Black (39%)




- Cyan (39%)
- Magenta (64%)
- Yellow (60%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 19.8801, 15.7765, 14.8293 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 19.8801, 15.7765, 14.8293 by changing the saturation by 10% instead.


 19.8801, 15.7765,
14.8293


 19.8801, 15.7765,
14.8293


244.1112,
228.0193, 233.9358


 12.4157, 9.3661,
8.5544


 42.7215, 36.2098,
35.2915


 7.1016, 4.9808,
4.3589


 58.8293, 51.0015,
50.3159

 3.5726, 2.2360,
1.8242

 78.5488, 69.3557,
69.0938

 1.4633, 0.7395,
0.4439

 102.2456, 91.6569,
92.0438

 0.3007, 0.0000,
0.0000

130.2848,
118.2895, 119.5845

 0.0000, 0.0000,
0.0000

163.0319,

149.6378, 152.1343

200.8523,
186.0863, 190.1119

■ 19.8801, 15.7765,
14.8293

■ 19.8801, 15.7765,
14.8293

■ 18.0523, 13.0853,
11.2471

■ 22.0860, 19.0613,
19.0385

■ 16.5800, 10.9501,
8.2607

■ 24.6884, 22.9699,
23.9020

■ 15.4398, 9.3323,
5.8378


■ 27.7061, 27.5332,
29.4464

■ 14.6052, 8.1878,
3.9423


■ 31.1563, 32.7793,
35.6968


■ 14.0454, 7.4646,
2.5340


■ 35.0553, 38.7347,
42.6768


 13.6931, 7.0388,
1.5564

 39.4184, 45.4245,
50.4089

 13.6930, 7.0387,
1.5562

 44.2602, 52.8726,
58.9149

 49.5948, 61.1018,
68.2155

 55.4356, 70.1338,
78.3305

Harmonies

Analogous

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



19.6832, 15.7765, 21.7464



19.8801, 15.7765, 14.8293



18.6694, 15.7765, 10.0145

Triad

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



19.8801, 15.7765, 14.8293



12.2237, 15.7765, 9.1469



13.5711, 15.7765, 32.5382

Complementary

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



19.8801, 15.7765, 14.8293



21.3471, 27.8146, 31.0332

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.



11.8376, 15.7765, 27.1343



19.8801, 15.7765, 14.8293



11.1176, 15.7765, 13.2987

Square

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



19.8801, 15.7765, 14.8293



14.1509, 15.7765, 7.3519



10.9840, 15.7765, 19.7623



15.8722, 15.7765, 33.2613

Rectangle

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



19.8801, 15.7765, 14.8293



17.2942, 15.7765, 8.1678



10.9840, 15.7765, 19.7623



12.9094, 15.7765, 31.1535

Sweetspot

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



19.8805, 15.7773, 14.8296



48.3436, 47.3767, 50.4063



21.4497, 16.1855, 33.0041



10.7927, 10.4969, 11.1352



74.8435, 78.7412, 85.7492



12.6291, 13.2868, 14.4694

Same Dimension

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



19.8805, 15.7773, 14.8296



32.6463, 23.8976, 20.7715



21.4737, 19.7191, 13.0312



6.2474, 6.2381, 6.6830



11.0082, 5.6575, 1.3023



0.1736, 0.0882, 0.0669

Inverse Universe

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



19.8805, 15.7773, 14.8296



32.6463, 23.8976, 20.7715



19.0025, 21.8368, 34.2238



6.2474, 6.2381, 6.6830



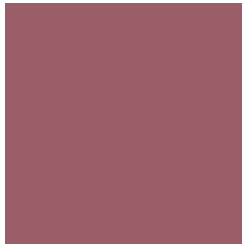
11.0082, 5.6575, 1.3023



0.1736, 0.0882, 0.0669

Previews

White Background



This preview shows how the XYZ color 19.8801, 15.7765, 14.8293 looks on a white background.

Color Contrast Check

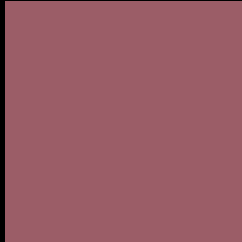
Large Text (above 18pt) WCAG AA ✓ Pass

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 19.8801, 15.7765, 14.8293 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 19.8801, 15.7765, 14.8293

Background



This preview shows how black text looks on a background with the XYZ color 19.8801, 15.7765, 14.8293.



This preview shows how white text looks on a background with the XYZ color 19.8801, 15.7765,

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

19.8801, 15.7765, 14.8293

Protanopia

15.3666, 15.8548, 17.8732

Deuteranopia

16.2108, 15.8906, 14.5247



Tritanopia

19.7322, 15.7174, 14.0503

Trichromacy



Original Color

19.8801, 15.7765, 14.8293

Protanomaly

16.6127, 15.5940, 16.6023

Deuteranomaly

17.4662, 15.7804, 14.6957

Tritanomaly

19.7809, 15.7368, 14.3069

Monochromacy



Original Color

19.8801, 15.7765, 14.8293

Achromatopsia

15.6958, 16.5132, 17.9829

Achromatomaly

16.8164, 16.0014, 16.6703

CSS Examples

Text

The CSS property to change the color of the text to XYZ 19.8801, 15.7765, 14.8293 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(155, 93, 103)` looks like.

```
.text, #text, p{  
    color:rgb(155, 93, 103)  
}
```

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(155, 93, 103) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(155, 93, 103) }
```

Border

The CSS property to change the border of an element to XYZ 19.8801, 15.7765, 14.8293 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(155, 93, 103) }
```


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

```
.border{ border-color:rgb(155, 93, 103) }
```

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

Here you see how a box with a 4 pixel `rgb(155, 93, 103)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(155, 93, 103); -webkit-box-  
shadow:4px 4px 4px 4px rgb(155, 93, 103);  
box-shadow:4px 4px 4px 4px rgb(155, 93,  
103) }
```

Background

The CSS property to change the background color of an element to XYZ 19.8801, 15.7765, 14.8293 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(155, 93, 103) }
```

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

```
.background{ background-color: rgb(155, 93,  
103) }
```

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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