

Converting Colors

XYZ(19.5213, 19.5547, 15.2542)

Have a look what the booklet for
XYZ(19.5213, 19.5547, 15.2542)
contains.

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Color

**XYZ(19.4763, 19.5562,
15.3186)**

Conversions

Conversions Part 1

Format	Color
Hex	8A7766
RGB	138, 119, 102
RGB Percent	54%, 47%, 40%
CMY	0.4588, 0.5333, 0.6000
CMYK	0.00, 0.14, 0.26, 0.46
HSL	28°, 15%, 47%
HSV	28°, 26%, 54%
XYZ	19.4763, 19.5562, 15.3186
YIQ	122.7430, 16.7810, -1.2590

Conversions

Conversions Part 2

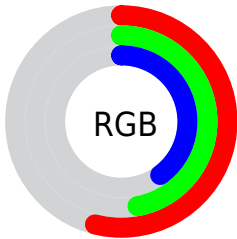
Format	Color
RYB	138, 134, 102
Decimal	9074534
CIELab	51.33, 4.55, 12.07
CIElCh	51, 12.900, 69.329
Yxy	19.5562, 0.3583, 0.3598
Android (android.graphics.Color)	4287264614 (0xFF8A7766)
YUV	122.7430, -10.2263, 13.3804
Hunter-Lab	44.2224, 1.2253, 10.4177

Details

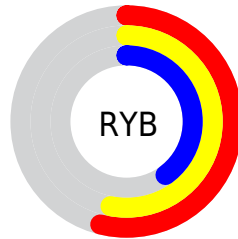
The XYZ color **19.4763, 19.5562, 15.3186** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **16.9042, 18.3340, 26.6927**, and the grayscale version is **18.7712, 19.7488, 21.5064**.

A 20% lighter version of the original color is **42.0509, 42.6322, 36.1495**, and **6.8733, 6.8085, 4.5663** is the 20% darker color. If you saturate the color by 10%, you get **18.0145, 17.6381, 11.7313**, and if you desaturate by 10%, it is **21.1195, 21.6545, 19.5290**.

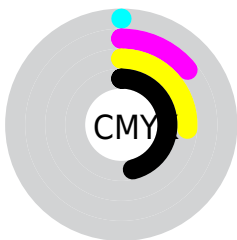
Distribution



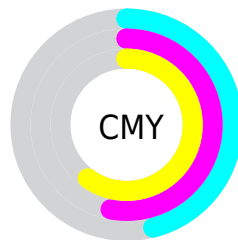
- Red (54%)
- Green (47%)
- Blue (40%)



- Red (54%)
- Yellow (53%)
- Blue (40%)



- Cyan (0%)
- Magenta (14%)
- Yellow (26%)
- Black (46%)



- Cyan (46%)
- Magenta (53%)
- Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 19.4763, 19.5562, 15.3186 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 19.4763, 19.5562, 15.3186 by changing the saturation by 10% instead.

■ 19.4763, 19.5562,
15.3186

■ 19.4763, 19.5562,
15.3186

241.9537,
249.5023, 236.9934

■ 12.1210, 12.0729,
8.8942

■ 42.0481, 42.6719,
36.1613

■ 6.8989, 6.7933,
4.5764

■ 57.9953, 59.0730,
51.4167

■ 3.4447, 3.3332,
1.9466

■ 77.5371, 79.2154,
70.4528

■ 1.3931, 1.3081,
0.5221

■ 101.0390,
103.4837, 93.6882

■ 0.2513, 0.1474,
0.0000

128.8662,
132.2621, 121.5414

■ 0.0000, 0.0000,
0.0000

161.3842,

165.9351, 154.4310

198.9582,
204.8870, 192.7755

■ 19.4763, 19.5562,
15.3186

■ 19.4763, 19.5562,
15.3186

■ 18.0145, 17.6381,
11.7313

■ 21.1195, 21.6545,
19.5290

■ 16.7255, 15.8924,
8.7356

■ 22.9493, 23.9353,
24.3894

■ 15.6020, 14.3143,
6.2994

■ 24.9724, 26.4042,
29.9265

■ 14.6359, 12.8981,
4.3865

■ 27.1949, 29.0659,
36.1653

■ 13.8179, 11.6374,
2.9569

■ 29.6225, 31.9246,
43.1294

■ 13.1377, 10.5253,
1.9643

■ 32.2607, 34.9846,
50.8413

■ 12.5796, 9.5527,
1.3359

■ 35.1146, 38.2499,
59.3226

■ 12.3818, 9.2043,
1.1240

■ 38.1894, 41.7247,
68.5939

■ 41.4900, 45.4126,
78.6751

Harmonies

Analogous

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



20.5714, 19.5562, 17.1041



19.4763, 19.5562, 15.3186



18.1887, 19.5562, 15.0289

Triad

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



19.4763, 19.5562, 15.3186



16.2475, 19.5562, 22.4649



20.2031, 19.5562, 27.2695

Complementary

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



19.4763, 19.5562, 15.3186



16.9042, 18.3340, 26.6927

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.



18.9923, 19.5562, 29.0939



19.4763, 19.5562, 15.3186



16.7356, 19.5562, 26.1163

Square

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



19.4763, 19.5562, 15.3186



16.3637, 19.5562, 18.8847



17.7263, 19.5562, 28.6491



21.0043, 19.5562, 23.8987

Rectangle

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



19.4763, 19.5562, 15.3186



17.3998, 19.5562, 15.6851



17.7263, 19.5562, 28.6491



19.8282, 19.5562, 28.1007

Sweetspot

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



19.4768, 19.5571, 15.3190



39.7520, 41.3249, 41.1076



18.6962, 16.2916, 20.3129



8.8163, 9.1451, 8.9530



65.7814, 69.2071, 75.3665



9.5508, 10.0482, 10.9424

Same Dimension

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



19.4768, 19.5571, 15.3190



32.8555, 32.5483, 23.3439



21.7969, 24.1972, 16.0924



5.2149, 5.4127, 5.3223



11.3668, 8.4679, 1.0354



0.0900, 0.0852, 0.0117

Inverse Universe

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



16.9042, 18.3340, 26.6927



27.5658, 30.0328, 46.7272



14.9373, 14.4004, 26.0371



4.9788, 5.3005, 6.3665



6.3945, 6.0593, 22.8782



0.0572, 0.0696, 0.1569

Previews

White Background



This preview shows how the XYZ color 19.4763, 19.5562, 15.3186 looks on a white background.

Color Contrast Check

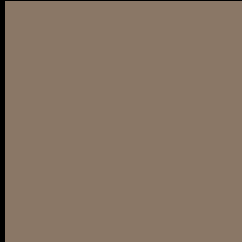
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the XYZ color 19.4763, 19.5562, 15.3186 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

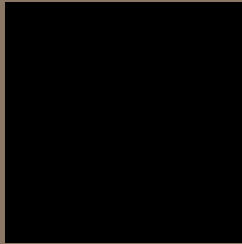
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 19.4763, 19.5562, 15.3186

Background



This preview shows how black text looks on a background with the XYZ color 19.4763, 19.5562, 15.3186.



This preview shows how white text looks on a background with the XYZ color 19.4763, 19.5562,

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

19.4763, 19.5562, 15.3186

Protanopia

18.5115, 19.5857, 15.9015

Deuteranopia

19.8612, 19.5789, 15.3027



Tritanopia

20.9316, 19.6342, 22.0886

Trichromacy



Original Color

19.4763, 19.5562, 15.3186

Protanomaly

18.8013, 19.5596, 15.6164

Deuteranomaly

19.6919, 19.4916, 15.2948

Tritanomaly

20.3874, 19.5824, 19.5349

Monochromacy



Original Color

19.4763, 19.5562, 15.3186

Achromatopsia

18.8265, 19.8069, 21.5697

Achromatomaly

18.9561, 19.7461, 19.0319

CSS Examples

Text

The CSS property to change the color of the text to XYZ 19.4763, 19.5562, 15.3186 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(138, 119, 102)` looks like.

```
.text, #text, p{  
    color:rgb(138, 119, 102)  
}
```

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(138, 119, 102) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(138, 119, 102) }
```

Border

The CSS property to change the border of an element to XYZ 19.4763, 19.5562, 15.3186 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(138, 119, 102) }
```


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

```
.border{ border-color:rgb(138, 119, 102) }
```

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

Here you see how a box with a 4 pixel rgb(138, 119, 102) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(138, 119, 102); -webkit-box-  
shadow:4px 4px 4px 4px rgb(138, 119, 102);  
box-shadow:4px 4px 4px 4px rgb(138, 119,  
102) }
```

Background

The CSS property to change the background color of an element to XYZ 19.4763, 19.5562, 15.3186 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(138, 119, 102) }
```

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

```
.background{ background-color: rgb(138,  
119, 102) }
```

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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