

Converting Colors

XYZ(22.5631, 19.7089, 15.7285)

Have a look what the booklet for
XYZ(22.5631, 19.7089, 15.7285)
contains.

XYZ(22.6803, 19.8419, 15.7312)	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(22.6803, 19.8419,
15.7312)**

Conversions

Conversions Part 1

Format	Color
Hex	A06F68
RGB	160, 111, 104
RGB Percent	63%, 44%, 41%
CMY	0.3725, 0.5647, 0.5922
CMYK	0.00, 0.31, 0.35, 0.37
HSL	8°, 23%, 52%
HSV	8°, 35%, 63%
XYZ	22.6803, 19.8419, 15.7312
YIQ	124.8530, 31.4510, 8.2110

Conversions

Conversions Part 2

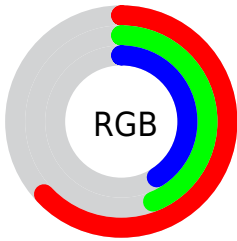
Format	Color
R_{YB}	160, 112, 104
Decimal	10514280
CIE _{Lab}	51.66, 18.50, 11.71
CIE _{LCh}	52, 21.891, 32.327
Yxy	19.8419, 0.3893, 0.3406
Android (android.graphics.Color)	4288704360 (0xFFA06F68)
YUV	124.8530, -10.2805, 30.8239
Hunter-Lab	44.5442, 12.9332, 10.2422

Details

The XYZ color **22.6803, 19.8419, 15.7312** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **23.4449, 28.2626, 37.4772**, and the grayscale version is **19.4700, 20.4840, 22.3071**.

A 20% lighter version of the original color is **47.3325, 43.1599, 36.8463**, and **8.5794, 6.9762, 4.7653** is the 20% darker color. If you saturate the color by 10%, you get **20.5338, 16.7285, 11.3794**, and if you desaturate by 10%, it is **25.2214, 23.4977, 20.9758**.

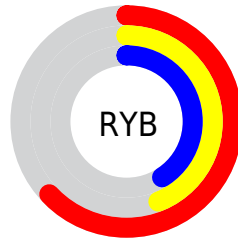
Distribution



Red (63%)

Green (44%)

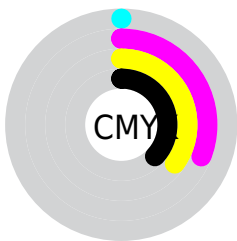
Blue (41%)



Red (63%)

Yellow (44%)

Blue (41%)

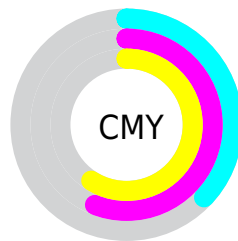


Cyan (0%)

Magenta (31%)

Yellow (35%)

Black (37%)



Cyan (37%)

Magenta (56%)

Yellow (59%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 22.6803, 19.8419, 15.7312 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 22.6803, 19.8419, 15.7312 by changing the saturation by 10% instead.

■ 22.6803, 19.8419,
15.7312

■ 22.6803, 19.8419,
15.7312

258.6448,
251.0579, 239.5416

■ 14.4770, 12.2802,
9.1819

■ 47.3384, 43.1520,
36.8912

■ 8.5371, 6.9348,
4.7616

■ 64.5239, 59.6691,
52.3389

■ 4.4952, 3.4213,
2.0518

■ 85.4342, 79.9401,
71.5899

■ 1.9859, 1.3555,
0.5868

■ 110.4346,
104.3495, 95.0626

■ 0.6260, 0.1835,
0.0000

139.8905,
133.2815, 123.1755

■ 0.0000, 0.0000,
0.0000

174.1673,

167.1207, 156.3474

213.6303,
206.2514, 194.9965

■ 22.6803, 19.8419,
15.7312

■ 22.6803, 19.8419,
15.7312

■ 20.5338, 16.7285,
11.3794

■ 25.2214, 23.4977,
20.9758

■ 18.7606, 14.1289,
7.8694

■ 28.1741, 27.7171,
27.1579

■ 17.3396, 12.0162,
5.1470


■ 31.5562, 32.5235,
34.3206


■ 16.2468, 10.3599,
3.1509

■ 35.3839, 37.9383,
42.5041


■ 15.4553, 9.1260,
1.8111


■ 39.6728, 43.9818,
51.7463

 14.9332, 8.2754,
1.0400

 44.4374, 50.6733,
62.0830

 14.7475, 7.9742,
0.7619

 49.6918, 58.0312,
73.5485

 55.4496, 66.0733,
86.1755

 61.7235, 74.8168,
99.9956

Harmonies

Analogous

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



23.4288, 19.8419, 21.1144



22.6803, 19.8419, 15.7312



20.9011, 19.8419, 12.5238

Triad

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



22.6803, 19.8419, 15.7312



15.3425, 19.8419, 16.4337



19.0321, 19.8419, 36.1786

Complementary

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



22.6803, 19.8419, 15.7312



23.4449, 28.2626, 37.4772

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.



16.9547, 19.8419, 34.2655



22.6803, 19.8419, 15.7312



14.9260, 19.8419, 22.1020

Square

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



22.6803, 19.8419, 15.7312



16.6780, 19.8419, 12.8703



15.4932, 19.8419, 28.7831



21.2226, 19.8419, 33.5983

Rectangle

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



22.6803, 19.8419, 15.7312



19.4319, 19.8419, 11.6533



15.4932, 19.8419, 28.7831



18.2977, 19.8419, 36.0393

Sweetspot

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



22.6808, 19.8428, 15.7316



54.0087, 54.3855, 55.3353



25.2360, 19.6898, 32.8099



11.6698, 11.6785, 11.7652



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.



22.6808, 19.8428, 15.7316



38.0778, 31.5306, 22.2578



26.1612, 26.8035, 16.8917



6.6966, 6.7732, 6.9401



11.5071, 6.2498, 0.5998



0.2227, 0.1456, 0.0164

Inverse Universe

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



23.4449, 28.2626, 37.4772



39.6660, 49.1352, 67.7799



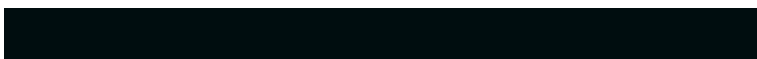
19.4471, 20.2670, 36.1446



6.7510, 7.3678, 8.4730



12.2690, 16.6296, 28.4704



0.2373, 0.3332, 0.5150

Previews

White Background



This preview shows how the XYZ color 22.6803, 19.8419, 15.7312 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 22.6803, 19.8419, 15.7312 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 22.6803, 19.8419, 15.7312

Background



This preview shows how black text looks on a background with the XYZ color 22.6803, 19.8419, 15.7312.

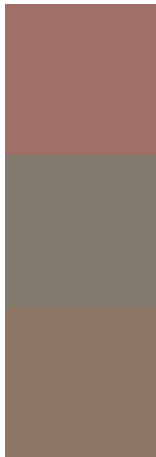


This preview shows how white text looks on a background with the XYZ color 22.6803, 19.8419,

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

22.6803, 19.8419, 15.7312

Protanopia

18.9507, 19.9588, 17.6055

Deuteranopia

20.3727, 20.0126, 15.6210



Tritanopia

23.3775, 19.7987, 19.4190

Trichromacy



Original Color

22.6803, 19.8419, 15.7312

Protanomaly

20.1188, 19.8518, 16.9588

Deuteranomaly

21.0880, 19.8596, 15.5538

Tritanomaly

23.1985, 19.8988, 17.9474

Monochromacy



Original Color

22.6803, 19.8419, 15.7312

Achromatopsia

19.4927, 20.5079, 22.3331

Achromatomaly

20.4086, 20.1206, 19.6376

CSS Examples

Text

The CSS property to change the color of the text to XYZ 22.6803, 19.8419, 15.7312 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(160, 111, 104)` looks like.

```
.text, #text, p{  
    color:rgb(160, 111, 104)  
}
```

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(160, 111, 104) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(160, 111, 104) }
```

Border

The CSS property to change the border of an element to XYZ 22.6803, 19.8419, 15.7312 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(160, 111, 104) }
```


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

```
.border{ border-color:rgb(160, 111, 104) }
```

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

Here you see how a box with a 4 pixel rgb(160, 111, 104) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(160, 111, 104); -webkit-box-  
shadow:4px 4px 4px 4px rgb(160, 111, 104);  
box-shadow:4px 4px 4px 4px rgb(160, 111,  
104) }
```

Background

The CSS property to change the background color of an element to XYZ 22.6803, 19.8419, 15.7312 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(160, 111, 104) }
```

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

```
.background{ background-color: rgb(160,  
111, 104) }
```

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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