

Converting Colors

XYZ(12.0063, 10.3863, 4.1683)

Have a look what the booklet for
XYZ(12.0063, 10.3863, 4.1683)
contains.

XYZ(12.0063, 10.3863, 4.1683)	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(12.0063, 10.3863,
4.1683)**

Conversions

Conversions Part 1

Format	Color
Hex	7E5030
RGB	126, 80, 48
RGB Percent	49%, 31%, 19%
CMY	0.5059, 0.6863, 0.8118
CMYK	0.00, 0.37, 0.62, 0.51
HSL	25°, 45%, 34%
HSV	25°, 62%, 49%
XYZ	12.0063, 10.3863, 4.1683
YIQ	90.1060, 37.6880, -0.2000

Conversions

Conversions Part 2

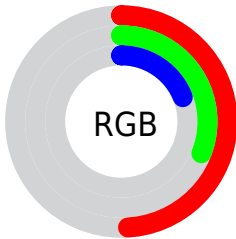
Format	Color
R_{YB}	126, 102, 48
Decimal	8278064
CIE _{Lab}	38.53, 15.85, 26.61
CIE _{LCh}	39, 30.968, 59.222
Yxy	10.3863, 0.4520, 0.3910
Android (android.graphics.Color)	4286468144 (0xFF7E5030)
YUV	90.1060, -20.7583, 31.4790
Hunter-Lab	32.2278, 10.1007, 14.8910

Details

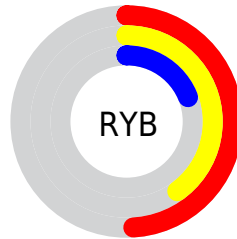
The XYZ color **12.0063, 10.3863, 4.1683** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **8.9873, 10.1397, 21.2219**, and the grayscale version is **9.7814, 10.2908, 11.2067**.

A 20% lighter version of the original color is **28.9719, 26.3505, 14.3856**, and **3.4360, 2.6623, 0.3902** is the 20% darker color. If you saturate the color by 10%, you get **11.2681, 9.2685, 2.8166**, and if you desaturate by 10%, it is **12.8791, 11.6551, 5.9296**.

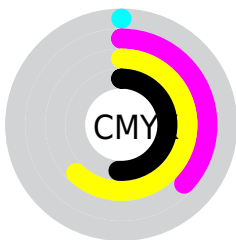
Distribution



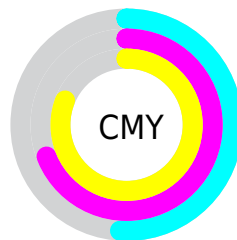
- Red (49%)
- Green (31%)
- Blue (19%)



- Red (49%)
- Yellow (40%)
- Blue (19%)



- Cyan (0%)
- Magenta (37%)
- Yellow (62%)
- Black (51%)





- Cyan (51%)
- Magenta (69%)
- Yellow (81%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 12.0063, 10.3863, 4.1683 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 12.0063, 10.3863, 4.1683 by changing the saturation by 10% instead.


 12.0063, 10.3863,
4.1683


 12.0063, 10.3863,
4.1683


198.2161,
193.4074, 150.0780


 6.8202, 5.6558,
1.7181


 29.1233, 26.5196,
14.3961


 3.3952, 2.6370,
0.3731

 41.7850, 38.6912,
23.0108


 1.3661, 0.9453,
0.0000

 57.6692, 54.1120,
34.5174

 0.2318, 0.0000,
0.0000

 77.1413, 73.1664,
49.3344

 0.0000, 0.0000,
0.0000

 100.5667, 96.2387,
67.8805

 128.3107,

123.7134, 90.5741

160.7387,
155.9748, 117.8338

■ 12.0063, 10.3863,
4.1683

■ 12.0063, 10.3863,
4.1683

■ 11.2681, 9.2685,
2.8166

■ 12.8791, 11.6551,
5.9296

■ 10.6553, 8.2937,
1.8395

■ 13.8934, 13.0792,
8.1307

■ 10.1586, 7.4552,
1.1965

■ 15.0562, 14.6650,
10.7992

■ 9.8186, 6.8646,
0.8075

■ 16.3740, 16.4175,
13.9607

■ 17.8527, 18.3420,
17.6387

■ 19.4982, 20.4431,
21.8550

■ 21.3157, 22.7256,
26.6305

■ 23.3103, 25.1937,
31.9848

■ 25.4870, 27.8518,
37.9365

Harmonies

Analogous

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



13.6841, 10.3863, 6.6833



12.0063, 10.3863, 4.1683



9.9249, 10.3863, 3.4109

Triad

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



12.0063, 10.3863, 4.1683



6.4615, 10.3863, 11.1579



11.9021, 10.3863, 24.1348

Complementary

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



12.0063, 10.3863, 4.1683



8.9873, 10.1397, 21.2219

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.



9.8190, 10.3863, 26.5682



12.0063, 10.3863, 4.1683



6.8429, 10.3863, 17.6893

Square

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



12.0063, 10.3863, 4.1683



6.8845, 10.3863, 6.5001



8.0067, 10.3863, 23.8843



13.6183, 10.3863, 18.0456

Rectangle

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



12.0063, 10.3863, 4.1683



8.6420, 10.3863, 3.6983



8.0067, 10.3863, 23.8843



11.2132, 10.3863, 25.4840

Sweetspot

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



12.0065, 10.3868, 4.1685



29.4356, 29.7035, 26.0807



11.7176, 7.3722, 11.5843



6.5611, 6.5802, 5.6023



60.6688, 63.8283, 69.5090



7.9400, 8.3535, 9.0970

Same Dimension

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



12.0065, 10.3868, 4.1685



19.3966, 15.6292, 4.2257



15.6396, 17.6529, 5.3795



4.4614, 4.6115, 4.5751



10.0690, 7.0345, 0.8271



0.0000, 0.0000, 0.0000

Inverse Universe

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



8.9873, 10.1397, 21.2219



13.5793, 15.1086, 36.9449



6.3894, 4.9439, 20.3560



4.3030, 4.6001, 5.4744



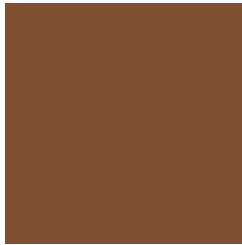
6.3923, 6.6030, 21.1875



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the XYZ color 12.0063, 10.3863, 4.1683 looks on a white background.

Color Contrast Check

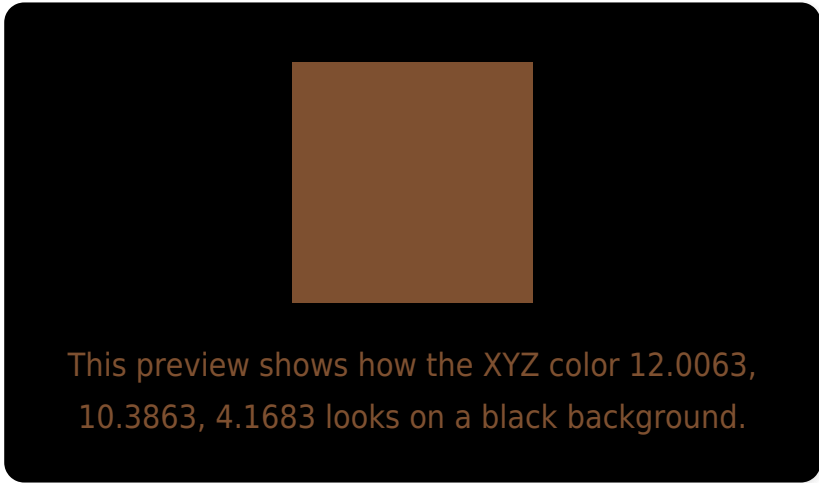
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



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 12.0063, 10.3863, 4.1683

Background



This preview shows how black text looks on a background with the XYZ color 12.0063, 10.3863, 4.1683.



This preview shows how white text looks on a background with the XYZ color 12.0063, 10.3863,

4.1683.

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

12.0063, 10.3863, 4.1683

Protanopia

9.6164, 10.4394, 4.7570

Deuteranopia

10.5834, 10.4584, 4.0456



Tritanopia

13.0095, 10.3673, 9.2981

Trichromacy



Original Color

12.0063, 10.3863, 4.1683

Protanomaly

10.3124, 10.3066, 4.5778

Deuteranomaly

11.0195, 10.3278, 4.1020

Tritanomaly

12.5118, 10.2620, 7.1157

Monochromacy



Original Color

12.0063, 10.3863, 4.1683

Achromatopsia

9.7181, 10.2242, 11.1341

Achromatomaly

10.1913, 10.0471, 8.0588

CSS Examples

Text

The CSS property to change the color of the text to XYZ 12.0063, 10.3863, 4.1683 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(126, 80, 48)` looks like.

```
.text, #text, p{  
    color:rgb(126, 80, 48)  
}
```

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(126, 80, 48) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(126, 80, 48) }
```

Border

The CSS property to change the border of an element to XYZ 12.0063, 10.3863, 4.1683 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(126, 80, 48) }
```


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

```
.border{ border-color:rgb(126, 80, 48) }
```

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

Here you see how a box with a 4 pixel `rgb(126, 80, 48)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(126, 80, 48); -webkit-box-  
shadow:4px 4px 4px 4px rgb(126, 80, 48);  
box-shadow:4px 4px 4px 4px rgb(126, 80,  
48) }
```

Background

The CSS property to change the background color of an element to XYZ 12.0063, 10.3863, 4.1683 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(126, 80, 48) }
```

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

```
.background{ background-color: rgb(126, 80,  
48) }
```

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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