

Converting Colors

XYZ(11.9829, 10.2671, 8.5579)

Have a look what the booklet for
XYZ(11.9829, 10.2671, 8.5579)
contains.

XYZ(11.9895, 10.2804, 8.5601)	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(11.9895, 10.2804,
8.5601)**

Conversions

Conversions Part 1

Format	Color
Hex	78504E
RGB	120, 80, 78
RGB Percent	47%, 31%, 31%
CMY	0.5294, 0.6863, 0.6941
CMYK	0.00, 0.33, 0.35, 0.53
HSL	3°, 21%, 39%
HSV	3°, 35%, 47%
XYZ	11.9895, 10.2804, 8.5601
YIQ	91.7320, 24.4820, 7.8580

Conversions

Conversions Part 2

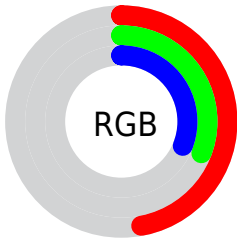
Format	Color
R _Y B	120, 80, 78
Decimal	7884878
CIE Lab	38.34, 16.53, 8.01
CIE LCh	38, 18.371, 25.862
Yxy	10.2804, 0.3889, 0.3335
Android (android.graphics.Color)	4286074958 (0xFF78504E)
YUV	91.7320, -6.7699, 24.7910
Hunter-Lab	32.0631, 10.6370, 6.6151

Details

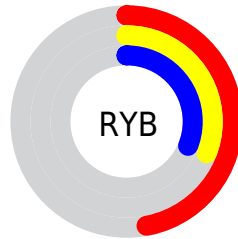
The XYZ color **11.9895, 10.2804, 8.5601** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **13.0102, 15.9321, 20.1588**, and the grayscale version is **10.1224, 10.6495, 11.5973**.

A 20% lighter version of the original color is **29.0470, 26.3818, 23.6399**, and **3.4156, 2.6196, 1.8390** is the 20% darker color. If you saturate the color by 10%, you get **10.8312, 8.5906, 6.2416**, and if you desaturate by 10%, it is **13.3692, 12.2873, 11.3400**.

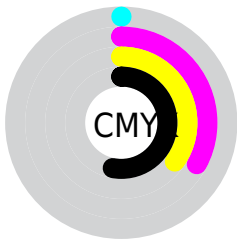
Distribution



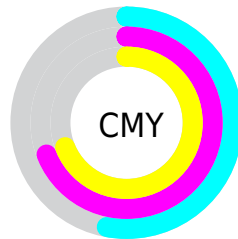
- Red (47%)
- Green (31%)
- Blue (31%)



- Red (47%)
- Yellow (31%)
- Blue (31%)



- Cyan (0%)
- Magenta (33%)
- Yellow (35%)
- Black (53%)



- Cyan (53%)
- Magenta (69%)
- Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 11.9895, 10.2804, 8.5601 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 11.9895, 10.2804, 8.5601 by changing the saturation by 10% instead.

■ 11.9895, 10.2804,
8.5601

■ 11.9895, 10.2804,
8.5601

198.1071,
192.6618, 190.1571

■ 6.8087, 5.5853,
4.3625

■ 29.0930, 26.3216,
23.6134

■ 3.3880, 2.5946,
1.8262

■ 41.7464, 38.4364,
35.3062

■ 1.3621, 0.9239,
0.4452

■ 57.6214, 53.7933,
50.3345

■ 0.2290, 0.0000,
0.0000

■ 77.0832, 72.7766,
69.1168

■ 0.0000, 0.0000,
0.0000

■ 100.4974, 95.7707,
92.0717

128.2292,

123.1600, 119.6177

160.6440,
155.3289, 152.1733

■ 11.9895, 10.2804,
8.5601

■ 11.9895, 10.2804,
8.5601

■ 10.8312, 8.5906,
6.2416

■ 13.3692, 12.2873,
11.3400

■ 9.8820, 7.2003,
4.3590

■ 14.9802, 14.6248,
14.6038

■ 9.1297, 6.0924,
2.8853

■ 16.8327, 17.3074,
18.3732

■ 8.5605, 5.2476,
1.7900

■ 18.9360, 20.3482,
22.6684

■ 8.1586, 4.6441,
1.0387

■ 21.2991, 23.7599,
27.5085

■ 7.9033, 4.2557,
0.5772

■ 23.9303, 27.5542,
32.9116

■ 7.8078, 4.1173,
0.3832

■ 26.8378, 31.7426,
38.8951

■ 30.0292, 36.3360,
45.4755

■ 33.5120, 41.3449,
52.6688

Harmonies

Analogous

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



12.2484, 10.2804, 11.6755



11.9895, 10.2804, 8.5601



11.1191, 10.2804, 6.5804

Triad

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



11.9895, 10.2804, 8.5601



7.9891, 10.2804, 7.8902



9.6062, 10.2804, 19.1290

Complementary

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



11.9895, 10.2804, 8.5601



13.0102, 15.9321, 20.1588

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.



8.5369, 10.2804, 17.5758



11.9895, 10.2804, 8.5601



7.6528, 10.2804, 10.7252

Square

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



11.9895, 10.2804, 8.5601



8.8023, 10.2804, 6.2525



7.8449, 10.2804, 14.3184



10.8088, 10.2804, 18.2255

Rectangle

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



11.9895, 10.2804, 8.5601



10.3436, 10.2804, 5.9457



7.8449, 10.2804, 14.3184



9.2203, 10.2804, 18.8696

Sweetspot

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



11.9898, 10.2809, 8.5603



27.8427, 27.8886, 28.7246



13.7759, 10.7642, 18.6787



6.5116, 6.4835, 6.6307



59.0181, 62.0916, 67.6177



7.4413, 7.8288, 8.5256

Same Dimension

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



11.9898, 10.2809, 8.5603



19.4219, 15.6525, 11.7194



13.7165, 13.7344, 9.1359



4.0122, 4.0429, 4.1934



8.5148, 4.4855, 0.4170



40.4400, 21.0434, 1.9304

Inverse Universe

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



13.0102, 15.9321, 20.1588



21.4995, 27.1677, 35.3638



10.8625, 11.6365, 19.4429



4.0915, 4.4813, 5.0925



10.2944, 14.6713, 21.6746



48.9241, 69.6208, 103.3294

Previews

White Background



This preview shows how the XYZ color 11.9895, 10.2804, 8.5601 looks on a white background.

Color Contrast Check

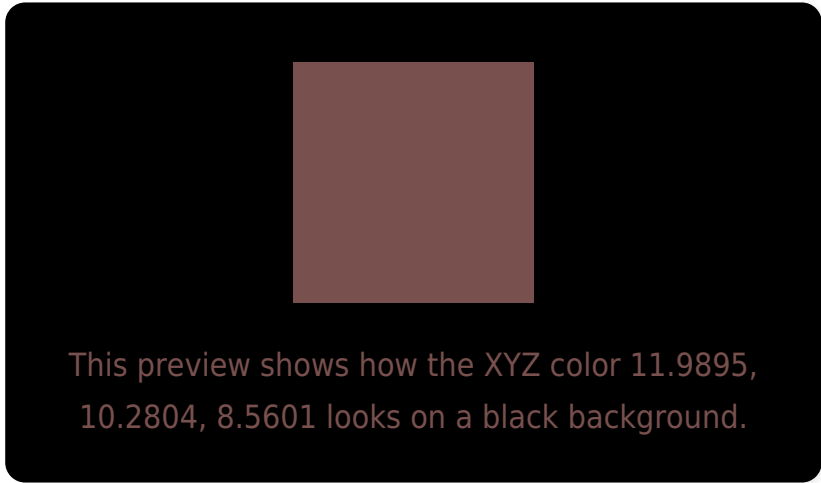
Large Text (above 18pt) WCAG AA ✓ Pass

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 11.9895, 10.2804, 8.5601

Background



This preview shows how black text looks on a background with the XYZ color 11.9895, 10.2804, 8.5601.



This preview shows how white text looks on a background with the XYZ color 11.9895, 10.2804,

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

11.9895, 10.2804, 8.5601

Protanopia

9.8336, 10.3165, 9.6566

Deuteranopia

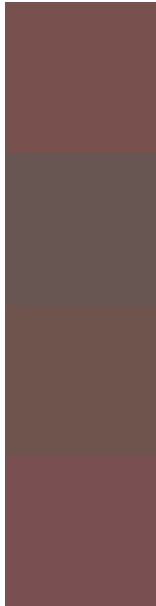
10.4567, 10.2953, 8.4572



Tritanopia

12.3208, 10.3128, 9.9355

Trichromacy



Original Color

11.9895, 10.2804, 8.5601

Protanomaly

10.4065, 10.1332, 9.1920

Deuteranomaly

10.9403, 10.1915, 8.4117

Tritanomaly

12.2041, 10.2661, 9.3210

Monochromacy



Original Color

11.9895, 10.2804, 8.5601

Achromatopsia

10.1725, 10.7023, 11.6548

Achromatomaly

10.6895, 10.4923, 10.4787

CSS Examples

Text

The CSS property to change the color of the text to XYZ 11.9895, 10.2804, 8.5601 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(120, 80, 78)` looks like.

```
.text, #text, p{  
    color:rgb(120, 80, 78)  
}
```

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(120, 80, 78) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(120, 80, 78) }
```

Border

The CSS property to change the border of an element to XYZ 11.9895, 10.2804, 8.5601 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(120, 80, 78) }
```


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

```
.border{ border-color:rgb(120, 80, 78) }
```

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

Here you see how a box with a 4 pixel rgb(120, 80, 78) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(120, 80, 78); -webkit-box-  
shadow:4px 4px 4px 4px rgb(120, 80, 78);  
box-shadow:4px 4px 4px 4px rgb(120, 80,  
78) }
```

Background

The CSS property to change the background color of an element to XYZ 11.9895, 10.2804, 8.5601 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(120, 80, 78) }
```

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

```
.background{ background-color: rgb(120, 80,  
78) }
```

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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