

Converting Colors

XYZ(17.8895, 10.9860, 3.8670)

Have a look what the booklet for
XYZ(17.8895, 10.9860, 3.8670)
contains.

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Color

**XYZ(17.8895, 10.9860,
3.8670)**

Conversions

Conversions Part 1

Format	Color
Hex	A8342F
RGB	168, 52, 47
RGB Percent	66%, 20%, 18%
CMY	0.3412, 0.7961, 0.8157
CMYK	0.00, 0.69, 0.72, 0.34
HSL	2°, 56%, 42%
HSV	2°, 72%, 66%
XYZ	17.8895, 10.9860, 3.8670
YIQ	86.1140, 70.7410, 23.0370

Conversions

Conversions Part 2

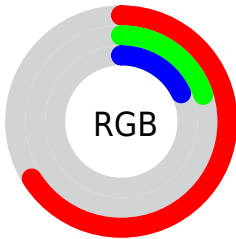
Format	Color
R_{YB}	168, 52, 47
Decimal	11023407
CIE Lab	39.56, 47.07, 30.05
CIE LCh	40, 55.846, 32.550
Yxy	10.9860, 0.5464, 0.3355
Android (android.graphics.Color)	4289213487 (0xFFA8342F)
YUV	86.1140, -19.2832, 71.8140
Hunter-Lab	33.1451, 38.3382, 16.2843

Details

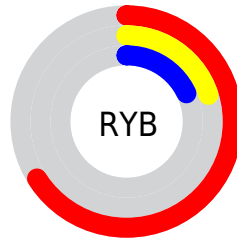
The XYZ color **17.8895, 10.9860, 3.8670** is a dark color, and the websafe version is hex **993333**. A complement of this color would be **21.3362, 29.6235, 41.6389**, and the grayscale version is **8.8993, 9.3628, 10.1960**.

A 20% lighter version of the original color is **39.3405, 27.5515, 13.6004**, and **6.3122, 3.2534, 0.3240** is the 20% darker color. If you saturate the color by 10%, you get **17.0132, 9.6754, 2.2126**, and if you desaturate by 10%, it is **19.1420, 12.8405, 6.2904**.

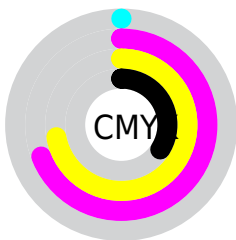
Distribution



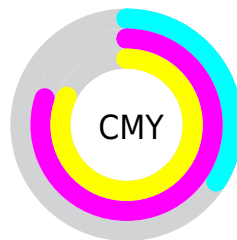
- Red (66%)
- Green (20%)
- Blue (18%)



- Red (66%)
- Yellow (20%)
- Blue (18%)



- Cyan (0%)
- Magenta (69%)
- Yellow (72%)
- Black (34%)





- Cyan (34%)
- Magenta (80%)
- Yellow (82%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 17.8895, 10.9860, 3.8670 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 17.8895, 10.9860, 3.8670 by changing the saturation by 10% instead.


 17.8895, 10.9860,
3.8670


 17.8895, 10.9860,
3.8670


233.3051,
197.5715, 146.7354


 10.9699, 6.0574,
1.5527


 39.3805, 27.6343,
13.7018


 6.1137, 2.8800,
0.2567


 54.6826, 40.1228,
22.0594


 2.9557, 1.0694,
0.0000

 73.5096, 55.9000,
33.2685

 1.1304, 0.0000,
0.0000

 96.2268, 75.3504,
47.7477

 0.0503, 0.0000,
0.0000

 123.1996, 98.8584,
65.9154

 0.0000, 0.0000,
0.0000

 154.7934,

126.8083, 88.1902

191.3734,
159.5845, 114.9907

■ 17.8895, 10.9860,
3.8670

■ 17.8895, 10.9860,
3.8670

■ 17.0132, 9.6754,
2.2126

■ 19.1420, 12.8405,
6.2904

■ 16.4702, 8.8481,
1.2342

■ 20.8058, 15.2873,
9.5605

■ 16.2238, 8.4757,
0.7809

■ 22.9128, 18.3715,
13.7459

■ 25.4917, 22.1336,
18.9082

■ 28.5686, 26.6105,
25.1036

■ 32.1679, 31.8366,
32.3840

■ 36.3121, 37.8439,
40.7978

■ 41.0226, 44.6626,
50.3905

■ 46.3196, 52.3215,
61.2052

Harmonies

Analogous

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



19.5723, 10.9860, 11.0550



17.8895, 10.9860, 3.8670



14.1844, 10.9860, 1.3447

Triad

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



17.8895, 10.9860, 3.8670



5.2081, 10.9860, 4.6772



10.7703, 10.9860, 47.4003

Complementary

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



17.8895, 10.9860, 3.8670



21.3362, 29.6235, 41.6389

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.



7.4233, 10.9860, 41.7907



17.8895, 10.9860, 3.8670



4.7120, 10.9860, 12.9170

Square

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



17.8895, 10.9860, 3.8670



6.9839, 10.9860, 1.5734



5.4152, 10.9860, 27.1189



14.8862, 10.9860, 39.6840

Rectangle

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



17.8895, 10.9860, 3.8670



11.4180, 10.9860, 0.8968



5.4152, 10.9860, 27.1189



9.5230, 10.9860, 47.0110

Sweetspot

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



17.8898, 10.9866, 3.8672



51.6128, 47.9553, 45.0911



23.8627, 13.0370, 36.3646



10.9190, 9.9718, 9.1616



80.6108, 84.8088, 92.3568



14.7206, 15.4872, 16.8656

Same Dimension

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



17.8898, 10.9866, 3.8672



30.2565, 16.6228, 2.8896



22.4043, 20.0157, 5.3720



7.5551, 7.5902, 7.8561



12.2611, 6.4194, 0.5928



0.3059, 0.1713, 0.0169

Inverse Universe

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



21.3362, 29.6235, 41.6389



36.7998, 52.2528, 75.3713



13.1370, 13.2251, 38.9058



7.7206, 8.4780, 9.6478



14.9778, 21.4158, 31.3197



0.3723, 0.5367, 0.7646

Previews

White Background



This preview shows how the XYZ color 17.8895, 10.9860, 3.8670 looks on a white background.

Color Contrast Check

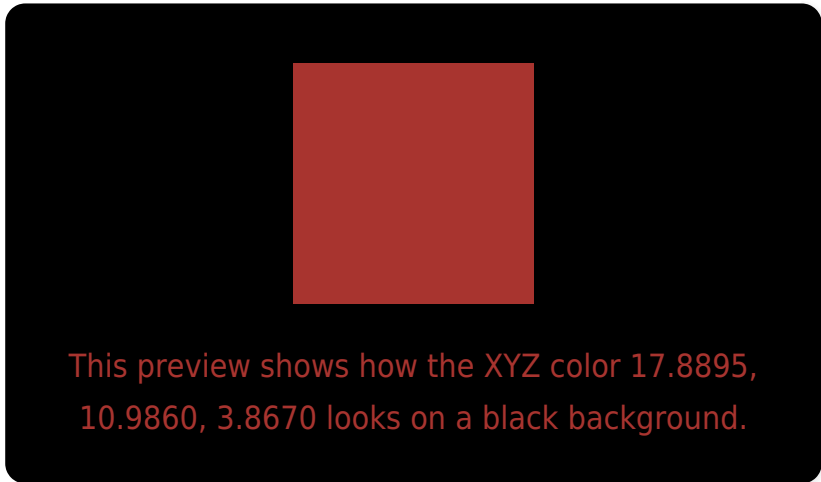
Large Text (above 18pt) WCAG AA ✓ Pass

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 17.8895, 10.9860, 3.8670

Background



This preview shows how black text looks on a background with the XYZ color 17.8895, 10.9860, 3.8670.



This preview shows how white text looks on a background with the XYZ color 17.8895, 10.9860,

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

17.8895, 10.9860, 3.8670

Protanopia

10.3245, 11.1671, 6.0262

Deuteranopia

11.3753, 11.2474, 3.5789



Tritanopia

17.9981, 10.9588, 4.6567

Trichromacy



Original Color

17.8895, 10.9860, 3.8670

Protanomaly

12.1140, 10.3131, 5.0935

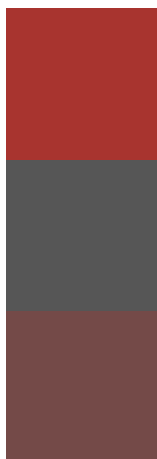
Deuteranomaly

13.1738, 10.5775, 3.6328

Tritanomaly

17.9298, 10.9315, 4.2970

Monochromacy



Original Color

17.8895, 10.9860, 3.8670

Achromatopsia

8.8453, 9.3059, 10.1341

Achromatomaly

10.8209, 9.0784, 7.3129

CSS Examples

Text

The CSS property to change the color of the text to XYZ 17.8895, 10.9860, 3.8670 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(168, 52, 47)` looks like.

```
.text, #text, p{  
    color:rgb(168, 52, 47)  
}
```

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(168, 52, 47) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(168, 52, 47) }
```

Border

The CSS property to change the border of an element to XYZ 17.8895, 10.9860, 3.8670 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(168, 52, 47) }
```


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

```
.border{ border-color:rgb(168, 52, 47) }
```

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

Here you see how a box with a 4 pixel rgb(168, 52, 47) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(168, 52, 47); -webkit-box-  
shadow:4px 4px 4px 4px rgb(168, 52, 47);  
box-shadow:4px 4px 4px 4px rgb(168, 52,  
47) }
```

Background

The CSS property to change the background color of an element to XYZ 17.8895, 10.9860, 3.8670 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(168, 52, 47) }
```

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

```
.background{ background-color: rgb(168, 52,  
47) }
```

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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