

Converting Colors

XYZ(15.8279, 13.2210, 2.7186)

Have a look what the booklet for
XYZ(15.8279, 13.2210, 2.7186)
contains.

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Color

**XYZ(15.8074, 13.1869,
2.6895)**

Conversions

Conversions Part 1

Format	Color
Hex	94571A
RGB	148, 87, 26
RGB Percent	58%, 34%, 10%
CMY	0.4196, 0.6588, 0.8980
CMYK	0.00, 0.41, 0.82, 0.42
HSL	30°, 70%, 34%
HSV	30°, 82%, 58%
XYZ	15.8074, 13.1869, 2.6895
YIQ	98.2850, 55.9370, -6.0390

Conversions

Conversions Part 2

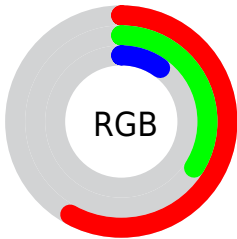
Format	Color
R_{YB}	148, 148, 26
Decimal	9721626
CIE Lab	43.04, 20.47, 43.55
CIE LCh	43, 48.122, 64.830
Yxy	13.1869, 0.4989, 0.4162
Android (android.graphics.Color)	4287911706 (0xFF94571A)
YUV	98.2850, -35.6365, 43.6001
Hunter-Lab	36.3138, 14.1520, 21.0285

Details

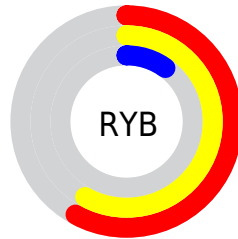
The XYZ color **15.8074, 13.1869, 2.6895** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **9.1793, 9.1737, 29.3036**, and the grayscale version is **11.7573, 12.3696, 13.4705**.

A 20% lighter version of the original color is **35.6693, 31.5211, 10.8608**, and **5.2066, 3.8612, 0.4709** is the 20% darker color. If you saturate the color by 10%, you get **15.1141, 12.0002, 1.8425**, and if you desaturate by 10%, it is **16.6482, 14.5321, 4.0073**.

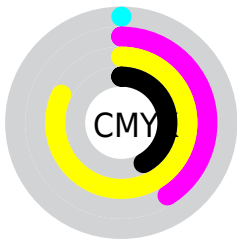
Distribution



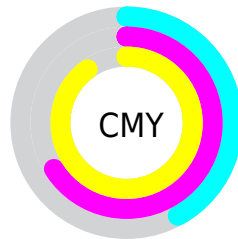
- Red (58%)
- Green (34%)
- Blue (10%)



- Red (58%)
- Yellow (58%)
- Blue (10%)



- Cyan (0%)
- Magenta (41%)
- Yellow (82%)
- Black (42%)





- Cyan (42%)
- Magenta (66%)
- Yellow (90%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 15.8074, 13.1869, 2.6895 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 15.8074, 13.1869, 2.6895 by changing the saturation by 10% instead.


 15.8074, 13.1869,
2.6895

 15.8074, 13.1869,
2.6895


221.4953,
212.1120, 132.3021

 9.4779, 7.5574,
0.9381


 35.8237, 31.6392,
10.8521


 5.1138, 3.8131,
0.0000

 50.2412, 45.2307,
18.1007


 2.3496, 1.5695,
0.0000

 68.0855, 62.2450,
28.0189

 0.8199, 0.3369,
0.0000


 89.7218, 83.0664,
41.0251


 0.0000, 0.0000,
0.0000


 115.5156,
108.0795, 57.5381


 145.8323,


137.6685, 77.9761


 181.0370,
172.2179, 102.7580


 15.8074, 13.1869,
2.6895


 15.8074, 13.1869,
2.6895


 15.1141, 12.0002,
1.8425


 16.6482, 14.5321,
4.0073

 14.6617, 11.1940,
1.3879

 17.6489, 16.0417,
5.8568

 18.8212, 17.7238,
8.2902

 20.1755, 19.5852,
11.3535

 21.7209, 21.6319,
15.0877

■ 23.4662, 23.8699,
19.5306

■ 25.4191, 26.3047,
24.7170

■ 27.5874, 28.9416,
30.6793

■ 29.9780, 31.7856,
37.4481

Harmonies

Analogous

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



19.3227, 13.1869, 5.5859



15.8074, 13.1869, 2.6895



11.9446, 13.1869, 2.1251

Triad

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



15.8074, 13.1869, 2.6895



6.7001, 13.1869, 16.1418



17.0488, 13.1869, 38.3975

Complementary

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



15.8074, 13.1869, 2.6895



9.1793, 9.1737, 29.3036

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.



13.1419, 13.1869, 45.7064



15.8074, 13.1869, 2.6895



7.5565, 13.1869, 29.4104

Square

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



15.8074, 13.1869, 2.6895



7.1373, 13.1869, 7.3225



9.7465, 13.1869, 41.7960



20.1326, 13.1869, 24.8765

Rectangle

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



15.8074, 13.1869, 2.6895



9.7789, 13.1869, 2.6728



9.7465, 13.1869, 41.7960



15.7627, 13.1869, 41.9005

Sweetspot

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



15.8077, 13.1876, 2.6897



40.4220, 40.8693, 31.9188



14.3024, 7.7229, 9.7539



9.0023, 9.0411, 6.7123



71.1368, 74.8414, 81.5023



11.3376, 11.9280, 12.9896

Same Dimension

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



15.8077, 13.1876, 2.6897



25.7959, 19.5862, 2.4759



22.9889, 27.5501, 5.0835



6.0260, 6.2658, 6.1323



12.5508, 9.6160, 1.1946



0.1830, 0.1765, 0.0244

Inverse Universe

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



9.1793, 9.1737, 29.3036



13.6910, 12.2561, 51.0787



6.1408, 3.0967, 28.2908



5.7247, 6.0833, 7.3422



6.6844, 6.0636, 24.7491



0.1112, 0.1331, 0.3127

Previews

White Background



This preview shows how the XYZ color 15.8074, 13.1869, 2.6895 looks on a white background.

Color Contrast Check

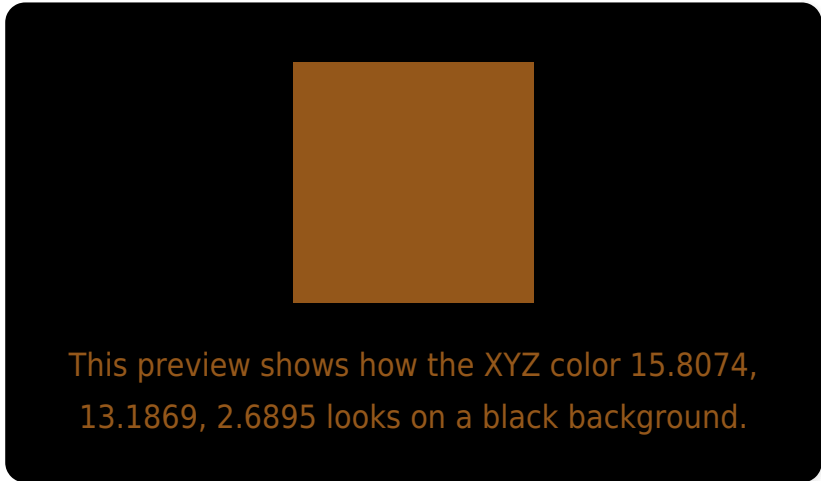
Large Text (above 18pt) WCAG AA ✓ Pass

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

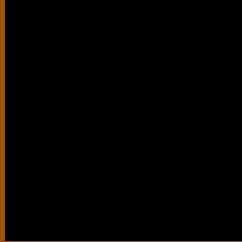
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 15.8074, 13.1869, 2.6895

Background



This preview shows how black text looks on a background with the XYZ color 15.8074, 13.1869, 2.6895.



This preview shows how white text looks on a background with the XYZ color 15.8074, 13.1869,

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

15.8074, 13.1869, 2.6895

Protanopia

12.0559, 13.2413, 3.1487

Deuteranopia

13.4633, 13.2707, 2.5614



Tritanopia

17.4252, 13.1523, 10.6371

Trichromacy



Original Color

15.8074, 13.1869, 2.6895

Protanomaly

13.2489, 13.1501, 3.0023

Deuteranomaly

14.2223, 13.1248, 2.5944

Tritanomaly

16.6251, 13.0522, 6.6441

Monochromacy



Original Color

15.8074, 13.1869, 2.6895

Achromatopsia

11.6093, 12.2139, 13.3009

Achromatomaly

12.3749, 12.1863, 7.8309

CSS Examples

Text

The CSS property to change the color of the text to XYZ 15.8074, 13.1869, 2.6895 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(148, 87, 26)` looks like.

```
.text, #text, p{  
    color:rgb(148, 87, 26)  
}
```

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(148, 87, 26) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(148, 87, 26) }
```

Border

The CSS property to change the border of an element to XYZ 15.8074, 13.1869, 2.6895 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(148, 87, 26) }
```


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

```
.border{ border-color:rgb(148, 87, 26) }
```

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

Here you see how a box with a 4 pixel rgb(148, 87, 26) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(148, 87, 26); -webkit-box-  
shadow:4px 4px 4px 4px rgb(148, 87, 26);  
box-shadow:4px 4px 4px 4px rgb(148, 87,  
26) }
```

Background

The CSS property to change the background color of an element to XYZ 15.8074, 13.1869, 2.6895 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(148, 87, 26) }
```

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

```
.background{ background-color: rgb(148, 87,  
26) }
```

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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