

Converting Colors

XYZ(18.7186, 14.9731, 0.0014)

Have a look what the booklet for
XYZ(18.7186, 14.9731, 0.0014)
contains.

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Color

**XYZ(19.0894, 15.1441,
1.9170)**

Conversions

Conversions Part 1

Format	Color
Hex	A55900
RGB	165, 89, 0
RGB Percent	65%, 35%, 0%
CMY	0.3529, 0.6510, 1.0000
CMYK	0.00, 0.46, 1.00, 0.35
HSL	32°, 100%, 32%
HSV	32°, 100%, 65%
XYZ	19.0894, 15.1441, 1.9170
YIQ	101.5780, 73.8650, -11.5670

Conversions

Conversions Part 2

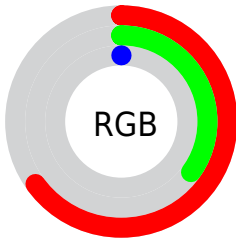
Format	Color
R _Y B	141, 165, 0
Decimal	10836224
CIE Lab	45.83, 26.30, 54.58
CIE LCh	46, 60.581, 64.272
Yxy	15.1441, 0.5281, 0.4189
Android (android.graphics.Color)	4289026304 (0xFFA55900)
YUV	101.5780, -50.0780, 55.6211
Hunter-Lab	38.9154, 19.4586, 24.3201

Details

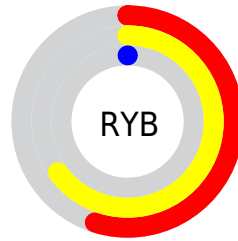
The XYZ color **19.0894, 15.1441, 1.9170** is a dark color, and the websafe version is hex **996600**. A complement of this color would be **9.3759, 7.8853, 36.6248**, and the grayscale version is **12.6327, 13.2905, 14.4734**.

A 20% lighter version of the original color is **41.5577, 35.2512, 8.8888**, and **6.7718, 4.7201, 0.5542** is the 20% darker color. If you saturate the color by 10%, you get **19.0895, 15.1445, 1.9171**, and if you desaturate by 10%, it is **19.8525, 16.5148, 2.6516**.

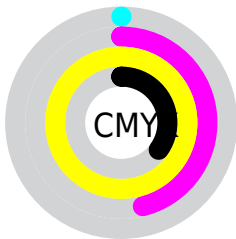
Distribution



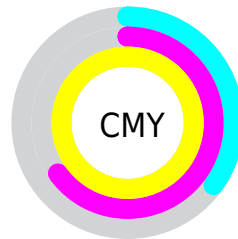
- Red (65%)
- Green (35%)
- Blue (0%)



- Red (55%)
- Yellow (65%)
- Blue (0%)



- Cyan (0%)
- Magenta (46%)
- Yellow (100%)
- Black (35%)



- Cyan (35%)
- Magenta (65%)
- Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 19.0894, 15.1441, 1.9170 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 19.0894, 15.1441, 1.9170 by changing the saturation by 10% instead.

■ 19.0894, 15.1441,
1.9170

■ 19.0894, 15.1441,
1.9170

■ 239.8705,
224.2368, 121.0744

■ 11.8393, 8.9206,
0.5035

■ 41.4008, 35.1058,
8.8126

■ 6.7058, 4.6894,
0.0000

■ 57.1928, 49.6127,
15.2013

■ 3.3235, 2.0662,
0.0000

■ 76.5628, 67.6496,
24.1087

■ 1.3270, 0.6455,
0.0000

■ 99.8762, 89.6008,
35.9533


■ 0.2033, 0.0000,
0.0000


■ 127.4983,
115.8507, 51.1536


■ 0.0000, 0.0000,
0.0000


■ 159.7945,


146.7838, 70.1282


 197.1301,
182.7843, 93.2956


 19.0894, 15.1441,
1.9170


 19.0894, 15.1441,
1.9170

 19.0895, 15.1445,
1.9171

 19.8525, 16.5148,
2.6516

 20.7624, 18.0510,
3.8291

 21.8546, 19.7705,
5.6261

 23.1454, 21.6826,
8.1203

 24.6490, 23.7958,
11.3776

■ 26.3779, 26.1176,
15.4564

■ 28.3437, 28.6551,
20.4094

■ 30.5568, 31.4149,
26.2845

■ 33.0273, 34.4035,
33.1265

Harmonies

Analogous

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



24.1247, 15.1441, 5.1846



19.0894, 15.1441, 1.9170



13.6752, 15.1441, 1.3414

Triad

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



19.0894, 15.1441, 1.9170



6.6567, 15.1441, 18.6731



20.6591, 15.1441, 52.3374

Complementary

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



19.0894, 15.1441, 1.9170



9.3759, 7.8853, 36.6248

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.



15.1376, 15.1441, 63.4105



19.0894, 15.1441, 1.9170



7.7108, 15.1441, 37.9256

Square

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



19.0894, 15.1441, 1.9170



7.2385, 15.1441, 7.0489



10.5396, 15.1441, 56.9912



25.1710, 15.1441, 31.9508

Rectangle

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



19.0894, 15.1441, 1.9170



10.7244, 15.1441, 1.8459



10.5396, 15.1441, 56.9912



18.8177, 15.1441, 57.6845

Sweetspot

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



19.0897, 15.1449, 1.9173



50.5561, 51.0583, 36.0195



16.8566, 8.5352, 7.7806



10.7364, 10.7578, 7.0669



78.6606, 82.7571, 90.1225



14.0027, 14.7319, 16.0430

Same Dimension

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



19.0897, 15.1449, 1.9173



33.9828, 26.7119, 3.3648



27.8523, 34.3321, 5.1589



7.3754, 7.6892, 7.4755



14.4920, 11.5580, 1.4671



0.3512, 0.3362, 0.0464

Inverse Universe

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



9.3759, 7.8853, 36.6248



16.5926, 13.7241, 65.5268



6.8604, 2.7522, 35.7665



6.9567, 7.3724, 8.9594



7.1418, 6.0630, 27.7236



0.1972, 0.2217, 0.5982

Previews

White Background



This preview shows how the XYZ color 19.0894, 15.1441, 1.9170 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



This preview shows how the XYZ color 19.0894, 15.1441, 1.9170 looks on a 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 19.0894, 15.1441, 1.9170

Background



This preview shows how black text looks on a background with the XYZ color 19.0894, 15.1441, 1.9170.



This preview shows how white text looks on a background with the XYZ color 19.0894, 15.1441,

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

19.0894, 15.1441, 1.9170

Protanopia

13.8236, 15.3945, 2.6583

Deuteranopia

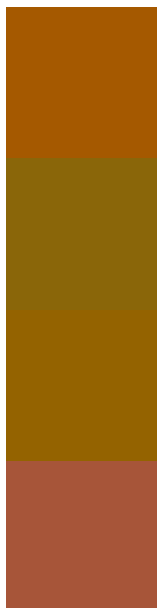
15.4315, 15.3039, 2.1406



Tritanopia

21.0449, 15.2326, 11.2822

Trichromacy



Original Color

19.0894, 15.1441, 1.9170

Protanomaly

15.2819, 14.9257, 2.3340

Deuteranomaly

16.6746, 15.2196, 2.0588

Tritanomaly

19.9234, 15.0079, 5.7176

Monochromacy



Original Color

19.0894, 15.1441, 1.9170

Achromatopsia

12.6291, 13.2868, 14.4694

Achromatomaly

13.6863, 13.2910, 6.8451

CSS Examples

Text

The CSS property to change the color of the text to XYZ 19.0894, 15.1441, 1.9170 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(165, 89, 0)` looks like.

```
.text, #text, p{  
    color:rgb(165, 89, 0)  
}
```

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(165, 89, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(165, 89, 0) }
```

Border

The CSS property to change the border of an element to XYZ 19.0894, 15.1441, 1.9170 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(165, 89, 0) }
```


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

```
.border{ border-color:rgb(165, 89, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(165, 89, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(165, 89, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(165, 89, 0);  
box-shadow:4px 4px 4px 4px rgb(165, 89, 0)  
}
```

Background

The CSS property to change the background color of an element to XYZ 19.0894, 15.1441, 1.9170 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(165, 89, 0) }
```

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

```
.background{ background-color: rgb(165, 89,  
0) }
```

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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