

Converting Colors

XYZ(18.9847, 19.1749, 2.7005)

Have a look what the booklet for
XYZ(18.9847, 19.1749, 2.7005)
contains.

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Color

**XYZ(18.9390, 19.2066,
2.7091)**

Conversions

Conversions Part 1

Format	Color
Hex	967500
RGB	150, 117, 0
RGB Percent	59%, 46%, 0%
CMY	0.4118, 0.5412, 1.0000
CMYK	0.00, 0.22, 1.00, 0.41
HSL	47°, 100%, 29%
HSV	47°, 100%, 59%
XYZ	18.9390, 19.2066, 2.7091
YIQ	113.5290, 57.2250, -29.3910

Conversions

Conversions Part 2

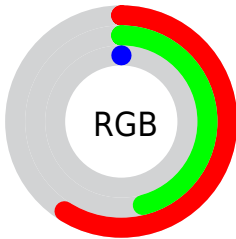
Format	Color
RYB	42, 150, 0
Decimal	9860352
CIELab	50.93, 3.56, 57.01
CIELCh	51, 57.117, 86.429
Yxy	19.2066, 0.4636, 0.4701
Android (android.graphics.Color)	4288050432 (0xFF967500)
YUV	113.5290, -55.9698, 31.9851
Hunter-Lab	43.8253, 0.4440, 27.0127

Details

The XYZ color **18.9390, 19.2066, 2.7091** is a dark color, and the websafe version is hex **996600**. A complement of this color would be **6.0491, 3.2900, 29.1702**, and the grayscale version is **16.0040, 16.8374, 18.3360**.

A 20% lighter version of the original color is **41.1545, 42.1675, 10.9711**, and **6.7442, 6.6359, 0.9254** is the 20% darker color. If you saturate the color by 10%, you get **18.9391, 19.2071, 2.7091**, and if you desaturate by 10%, it is **19.4170, 20.0247, 3.2940**.

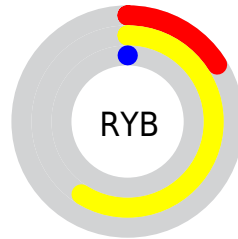
Distribution



Red (59%)

Green (46%)

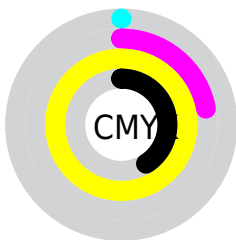
Blue (0%)



Red (16%)

Yellow (59%)

Blue (0%)

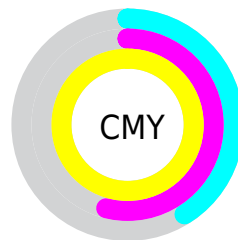


Cyan (0%)

Magenta (22%)

Yellow (100%)

Black (41%)



Cyan (41%)

Magenta (54%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 18.9390, 19.2066, 2.7091 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 18.9390, 19.2066, 2.7091 by changing the saturation by 10% instead.

■ 18.9390, 19.2066,
2.7091

■ 18.9390, 19.2066,
2.7091

239.0564,
247.5869, 132.5647

■ 11.7300, 11.8197,
0.9480

■ 41.1487, 42.0829,
10.9018

■ 6.6310, 6.6210,
0.0000

■ 56.8800, 58.3411,
18.1705

■ 3.2767, 3.2262,
0.0000

■ 76.1828, 78.3251,
28.1123

■ 1.3017, 1.2510,
0.0000

■ 99.4224, 102.4194,
41.1455


■ 0.1845, 0.1027,
0.0000


■ 126.9643,
131.0083, 57.6889


■ 0.0000, 0.0000,
0.0000


■ 159.1736,


164.4763, 78.1608


 196.4159,
203.2077, 102.9799


 18.9390, 19.2066,
2.7091


 18.9390, 19.2066,
2.7091


 18.9391, 19.2071,
2.7091

 19.4170, 20.0247,
3.2940

 19.9701, 20.8939,
4.2093

 20.6283, 21.8273,
5.6094

 21.4031, 22.8297,
7.5547

 22.3045, 23.9052,
10.0968

■ 23.3411, 25.0576,
13.2812

■ 24.5209, 26.2902,
17.1491

■ 25.8513, 27.6062,
21.7381

■ 27.3388, 29.0084,
27.0832

Harmonies

Analogous

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



24.9316, 19.2066, 4.2425



18.9390, 19.2066, 2.7091



13.8419, 19.2066, 3.6092

Triad

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



18.9390, 19.2066, 2.7091



10.1652, 19.2066, 38.0032



28.8621, 19.2066, 43.2133

Complementary

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



18.9390, 19.2066, 2.7091



6.0491, 3.2900, 29.1702

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.



23.5193, 19.2066, 62.8679



18.9390, 19.2066, 2.7091



12.8919, 19.2066, 58.9247

Square

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



18.9390, 19.2066, 2.7091



9.4309, 19.2066, 19.0376



17.5883, 19.2066, 69.7389



31.3567, 19.2066, 22.9071

Rectangle

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



18.9390, 19.2066, 2.7091



11.4723, 19.2066, 5.9806



17.5883, 19.2066, 69.7389



27.2922, 19.2066, 50.4492

Sweetspot

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



18.9394, 19.2075, 2.7095



43.1426, 46.2627, 29.8218



12.8812, 6.6056, 2.1867



9.3803, 10.0663, 6.0083



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.



18.9394, 19.2075, 2.7095



33.2903, 33.6299, 4.7366



17.3370, 25.1277, 3.9366



6.1583, 6.5304, 6.1764



15.7320, 15.9784, 2.2550



0.2140, 0.2385, 0.0348

Inverse Universe

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



6.0491, 3.2900, 29.1702



10.5657, 5.5872, 51.4428



6.3804, 2.6534, 29.0299



5.5968, 5.8276, 7.2996



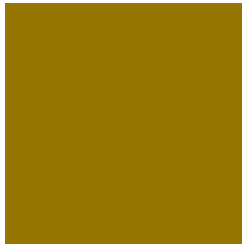
5.0374, 2.7697, 24.2001



0.0802, 0.0711, 0.3024

Previews

White Background



This preview shows how the XYZ color 18.9390, 19.2066, 2.7091 looks on a white 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

Black Background



This preview shows how the XYZ color 18.9390, 19.2066, 2.7091 looks on a black 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

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

XYZ 18.9390, 19.2066, 2.7091

Background



This preview shows how black text looks on a background with the XYZ color 18.9390, 19.2066, 2.7091.



This preview shows how white text looks on a background with the XYZ color 18.9390, 19.2066,

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

18.9390, 19.2066, 2.7091

Protanopia

17.3144, 19.2528, 3.0046

Deuteranopia

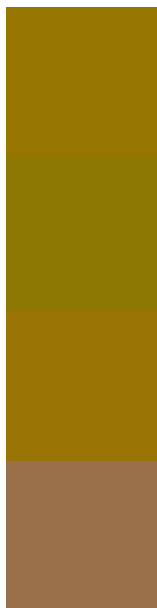
19.5010, 19.1490, 2.8980



Tritanopia

22.3898, 19.2896, 19.3728

Trichromacy



Original Color

18.9390, 19.2066, 2.7091

Protanomaly

17.8937, 19.1925, 2.8763

Deuteranomaly

19.4097, 19.2740, 2.8408

Tritanomaly

20.3566, 18.9528, 9.0639

Monochromacy



Original Color

18.9390, 19.2066, 2.7091

Achromatopsia

15.9940, 16.8269, 18.3245

Achromatomaly

16.0857, 17.2545, 8.7860

CSS Examples

Text

The CSS property to change the color of the text to XYZ 18.9390, 19.2066, 2.7091 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(150, 117, 0)` looks like.

```
.text, #text, p{  
    color:rgb(150, 117, 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(150, 117, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(150, 117, 0) }
```

Border

The CSS property to change the border of an element to XYZ 18.9390, 19.2066, 2.7091 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(150, 117, 0) }
```


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

```
.border{ border-color:rgb(150, 117, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(150, 117, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(150, 117, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(150, 117, 0);  
box-shadow:4px 4px 4px 4px rgb(150, 117,  
0) }
```

Background

The CSS property to change the background color of an element to XYZ 18.9390, 19.2066, 2.7091 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(150, 117, 0) }
```

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

```
.background{ background-color: rgb(150,  
117, 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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