

Converting Colors

XYZ(17.8084, 19.2161, 1.6956)

Have a look what the booklet for
XYZ(17.8084, 19.2161, 1.6956)
contains.

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Color

**XYZ(18.0442, 19.2726,
2.7690)**

Conversions

Conversions Part 1

Format	Color
Hex	8F7800
RGB	143, 120, 0
RGB Percent	56%, 47%, 0%
CMY	0.4392, 0.5294, 1.0000
CMYK	0.00, 0.16, 1.00, 0.44
HSL	50°, 100%, 28%
HSV	50°, 100%, 56%
XYZ	18.0442, 19.2726, 2.7690
YIQ	113.1970, 52.2280, -32.4440

Conversions

Conversions Part 2

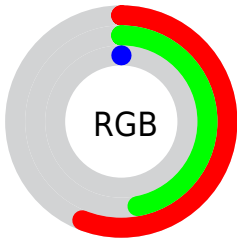
Format	Color
R_{YB}	27, 143, 0
Decimal	9402368
CIE Lab	51.00, -1.45, 56.71
CIE LCh	51, 56.729, 91.461
Yxy	19.2726, 0.4501, 0.4808
Android (android.graphics.Color)	4287592448 (0xFF8F7800)
YUV	113.1970, -55.8061, 26.1372
Hunter-Lab	43.9006, -3.4582, 26.9907

Details

The XYZ color **18.0442, 19.2726, 2.7690** is a dark color, and the websafe version is hex **996600**. A complement of this color would be **5.2645, 2.5962, 26.2101**, and the grayscale version is **15.9052, 16.7335, 18.2228**.

A 20% lighter version of the original color is **39.7941, 42.3042, 11.0692**, and **6.3419, 6.7094, 0.9608** is the 20% darker color. If you saturate the color by 10%, you get **18.0444, 19.2732, 2.7690**, and if you desaturate by 10%, it is **18.4059, 19.8659, 3.2910**.

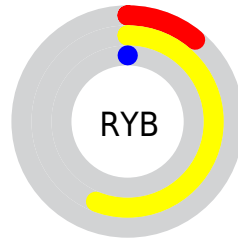
Distribution



Red (56%)

Green (47%)

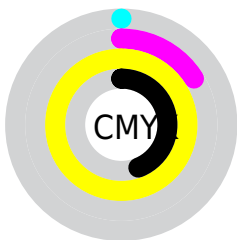
Blue (0%)



Red (11%)

Yellow (56%)

Blue (0%)

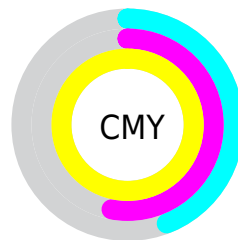


Cyan (0%)

Magenta (16%)

Yellow (100%)

Black (44%)



Cyan (44%)

Magenta (53%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 18.0442, 19.2726, 2.7690 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 18.0442, 19.2726, 2.7690 by changing the saturation by 10% instead.

■ 18.0442, 19.2726,
2.7690

■ 18.0442, 19.2726,
2.7690

234.1608,
247.9496, 133.3619

■ 11.0816, 11.8674,
0.9779

■ 39.6421, 42.1942,
11.0529

■ 6.1894, 6.6535,
0.0000

■ 55.0082, 58.4795,
18.3828

■ 3.0024, 3.2463,
0.0000

■ 73.9060, 78.4935,
28.3961

■ 1.1550, 1.2617,
0.0000

■ 96.7012, 102.6207,
41.5113


■ 0.0704, 0.1112,
0.0000


■ 123.7588,
131.2456, 58.1469


■ 0.0000, 0.0000,
0.0000


■ 155.4444,


164.7524, 78.7215


 192.1233,
203.5256, 103.6537


 18.0442, 19.2726,
2.7690


 18.0442, 19.2726,
2.7690


 18.0444, 19.2732,
2.7690

 18.4059, 19.8659,
3.2910

 18.8281, 20.4934,
4.1005

 19.3389, 21.1671,
5.3432

 19.9484, 21.8911,
7.0723

 20.6653, 22.6690,
9.3337

■ 21.4975, 23.5040,
12.1675

■ 22.4517, 24.3989,
15.6104

■ 23.5345, 25.3563,
19.6958

■ 24.7517, 26.3787,
24.4547

Harmonies

Analogous

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



23.9741, 19.2726, 3.8579



18.0442, 19.2726, 2.7690



13.2422, 19.2726, 4.1184

Triad

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



18.0442, 19.2726, 2.7690



10.5672, 19.2726, 41.6073



29.5310, 19.2726, 39.4898

Complementary

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



18.0442, 19.2726, 2.7690



5.2645, 2.5962, 26.2101

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.



24.5490, 19.2726, 59.9413



18.0442, 19.2726, 2.7690



13.6298, 19.2726, 61.5420

Square

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



18.0442, 19.2726, 2.7690



9.5075, 19.2726, 21.7827



18.5946, 19.2726, 69.5411



31.3662, 19.2726, 20.2062

Rectangle

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



18.0442, 19.2726, 2.7690



11.1057, 19.2726, 7.0157



18.5946, 19.2726, 69.5411



28.1247, 19.2726, 46.7391

Sweetspot

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



18.0446, 19.2735, 2.7694



40.0915, 43.5889, 27.5270



11.4909, 5.9051, 1.3897



9.0409, 9.8546, 5.7540



69.3244, 72.9347, 79.4259



10.7221, 11.2805, 12.2844

Same Dimension

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



18.0446, 19.2735, 2.7694



32.2105, 34.3065, 4.9242



14.5768, 22.0958, 3.4969



5.7667, 6.1398, 5.7705



15.9674, 17.0665, 2.4526



0.1654, 0.1887, 0.0277

Inverse Universe

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



5.2645, 2.5962, 26.2101



9.3416, 4.4769, 46.9098



6.1615, 2.6038, 26.1643



5.1953, 5.3864, 6.7946



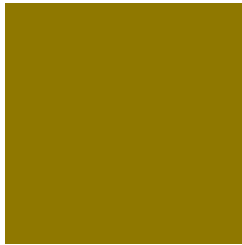
4.6656, 2.3172, 23.1784



0.0553, 0.0435, 0.2252

Previews

White Background



This preview shows how the XYZ color 18.0442, 19.2726, 2.7690 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 18.0442, 19.2726, 2.7690 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

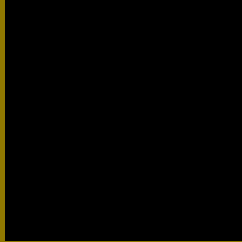
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 18.0442, 19.2726, 2.7690

Background



This preview shows how black text looks on a background with the XYZ color 18.0442, 19.2726, 2.7690.



This preview shows how white text looks on a background with the XYZ color 18.0442, 19.2726,

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

18.0442, 19.2726, 2.7690

Protanopia

17.3035, 19.2484, 2.9469

Deuteranopia

19.5298, 19.1606, 3.0498



Tritanopia

21.7620, 19.4284, 20.3724

Trichromacy



Original Color

18.0442, 19.2726, 2.7690

Protanomaly

17.5013, 19.1703, 2.8640

Deuteranomaly

18.9828, 19.2241, 2.9399

Tritanomaly

19.4679, 18.9863, 9.4761

Monochromacy



Original Color

18.0442, 19.2726, 2.7690

Achromatopsia

15.6958, 16.5132, 17.9829

Achromatomaly

15.7273, 17.2437, 8.6304

CSS Examples

Text

The CSS property to change the color of the text to XYZ 18.0442, 19.2726, 2.7690 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(143, 120, 0)` looks like.

```
.text, #text, p{  
    color:rgb(143, 120, 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(143, 120, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(143, 120, 0) }
```

Border

The CSS property to change the border of an element to XYZ 18.0442, 19.2726, 2.7690 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(143, 120, 0) }
```


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

```
.border{ border-color:rgb(143, 120, 0) }
```

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

Here you see how a box with a 4 pixel rgb(143, 120, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(143, 120, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(143, 120, 0);  
box-shadow:4px 4px 4px 4px rgb(143, 120,  
0) }
```

Background

The CSS property to change the background color of an element to XYZ 18.0442, 19.2726, 2.7690 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(143, 120, 0) }
```

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

```
.background{ background-color: rgb(143,  
120, 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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