

Converting Colors

XYZ(18.0193, 19.4558, 2.8803)

Have a look what the booklet for
XYZ(18.0193, 19.4558, 2.8803)
contains.

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Color

**XYZ(18.0091, 19.4321,
2.8877)**

Conversions

Conversions Part 1

Format	Color
Hex	8E7903
RGB	142, 121, 3
RGB Percent	56%, 47%, 1%
CMY	0.4431, 0.5255, 0.9882
CMYK	0.00, 0.15, 0.98, 0.44
HSL	51°, 96%, 28%
HSV	51°, 98%, 56%
XYZ	18.0091, 19.4321, 2.8877
YIQ	113.8270, 50.3940, -32.2460

Conversions

Conversions Part 2

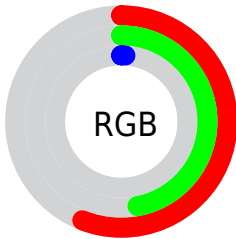
Format	Color
R_{YB}	28, 142, 3
Decimal	9337091
CIE _{Lab}	51.19, -2.43, 56.20
CIE _{LCh}	51, 56.252, 92.473
Yxy	19.4321, 0.4466, 0.4818
Android (android.graphics.Color)	4287527171 (0xFF8E7903)
YUV	113.8270, -54.6377, 24.7077
Hunter-Lab	44.0819, -4.2193, 26.9733

Details

The XYZ color **18.0091, 19.4321, 2.8877** is a dark color, and the websafe version is hex **666600**. A complement of this color would be **5.2467, 2.6257, 25.8212**, and the grayscale version is **16.0910, 16.9290, 18.4357**.

A 20% lighter version of the original color is **39.5099, 42.4345, 11.4185**, and **6.4070, 6.8398, 0.9825** is the 20% darker color. If you saturate the color by 10%, you get **17.9380, 19.3163, 2.7830**, and if you desaturate by 10%, it is **18.3595, 19.9948, 3.4306**.

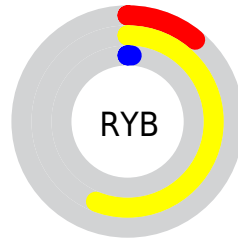
Distribution



Red (56%)

Green (47%)

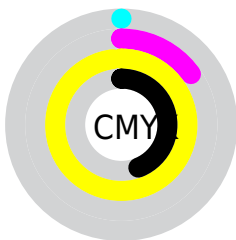
Blue (1%)



Red (11%)

Yellow (56%)

Blue (1%)

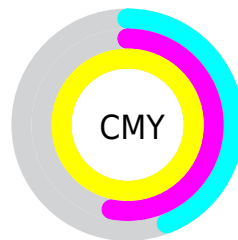


Cyan (0%)

Magenta (15%)

Yellow (98%)

Black (44%)



Cyan (44%)

Magenta (53%)

Yellow (99%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 18.0091, 19.4321, 2.8877 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 18.0091, 19.4321, 2.8877 by changing the saturation by 10% instead.

■ 18.0091, 19.4321,
2.8877

■ 18.0091, 19.4321,
2.8877

233.9669,
248.8239, 134.9172

■ 11.0562, 11.9829,
1.0376

■ 39.5828, 42.4630,
11.3501

■ 6.1723, 6.7320,
0.0000

■ 54.9343, 58.8135,
18.7994

■ 2.9918, 3.2951,
0.0000

■ 73.8162, 78.8998,
28.9522

■ 1.1494, 1.2877,
0.0000

■ 96.5936, 103.1065,
42.2270

■ 0.0658, 0.1316,
0.0000

■ 123.6321,
131.8179, 59.0423

■ 0.0000, 0.0000,
0.0000

■ 155.2969,

165.4183, 79.8168

191.9534,
204.2922, 104.9689

18.0091, 19.4321,
2.8877

18.0091, 19.4321,
2.8877

17.9380, 19.3163,
2.7830

18.3595, 19.9948,
3.4306

18.7788, 20.5936,
4.3098

19.2868, 21.2372,
5.6269

19.8931, 21.9297,
7.4325

20.6060, 22.6743,
9.7702

■ 21.4328, 23.4740,
12.6786

■ 22.3804, 24.3317,
16.1931

■ 23.4549, 25.2497,
20.3459

■ 24.6620, 26.2306,
25.1670

Harmonies

Analogous

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



23.9035, 19.4321, 3.9056



18.0091, 19.4321, 2.8877



13.2729, 19.4321, 4.3529

Triad

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



18.0091, 19.4321, 2.8877



10.7966, 19.4321, 42.3966



29.7520, 19.4321, 38.8395

Complementary

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



18.0091, 19.4321, 2.8877



5.2467, 2.6257, 25.8212

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.



24.8716, 19.4321, 59.2690



18.0091, 19.4321, 2.8877



13.9288, 19.4321, 61.9515

Square

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



18.0091, 19.4321, 2.8877



9.6688, 19.4321, 22.5164



18.9379, 19.4321, 69.3075



31.4435, 19.4321, 19.8559

Rectangle

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



18.0091, 19.4321, 2.8877



11.1816, 19.4321, 7.3890



18.9379, 19.4321, 69.3075



28.3873, 19.4321, 46.0344

Sweetspot

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



18.0095, 19.4330, 2.8881



39.1634, 42.6397, 27.4107



11.3762, 5.8913, 1.5249



8.6045, 9.3955, 5.5894



67.5393, 71.0566, 77.3807



10.1266, 10.6539, 11.6021

Same Dimension

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



18.0095, 19.4330, 2.8881



31.5376, 33.8733, 4.8760



14.4784, 21.8212, 3.5352



5.7711, 6.1485, 5.7720



16.1164, 17.3645, 2.5023



0.1663, 0.1903, 0.0280

Inverse Universe

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



5.2467, 2.6257, 25.8212



9.0188, 4.2618, 45.4751



6.1980, 2.6796, 25.7814



5.1913, 5.3784, 6.7933



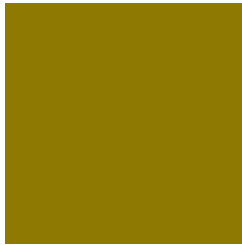
4.6413, 2.2686, 23.1703



0.0545, 0.0418, 0.2249

Previews

White Background



This preview shows how the XYZ color 18.0091, 19.4321, 2.8877 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 18.0091, 19.4321, 2.8877 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 18.0091, 19.4321, 2.8877

Background



This preview shows how black text looks on a background with the XYZ color 18.0091, 19.4321, 2.8877.

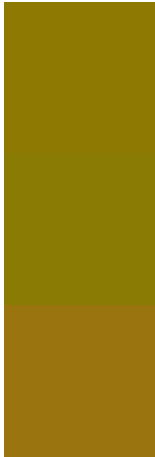


This preview shows how white text looks on a background with the XYZ color 18.0091, 19.4321,

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

18.0091, 19.4321, 2.8877

Protanopia

17.5916, 19.5801, 2.9958

Deuteranopia

19.6511, 19.3925, 3.1229



Tritanopia

21.6398, 19.3584, 20.6852

Trichromacy



Original Color

18.0091, 19.4321, 2.8877

Protanomaly

17.6289, 19.4168, 2.9335

Deuteranomaly

19.1109, 19.4628, 3.0366

Tritanomaly

19.3599, 18.9225, 9.8398

Monochromacy



Original Color

18.0091, 19.4321, 2.8877

Achromatopsia

15.9940, 16.8269, 18.3245

Achromatomaly

15.9095, 17.5021, 9.0183

CSS Examples

Text

The CSS property to change the color of the text to XYZ 18.0091, 19.4321, 2.8877 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(142, 121, 3)` looks like.

```
.text, #text, p{  
    color:rgb(142, 121, 3)  
}
```

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(142, 121, 3) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(142, 121, 3) }
```

Border

The CSS property to change the border of an element to XYZ 18.0091, 19.4321, 2.8877 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(142, 121, 3) }
```


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

```
.border{ border-color:rgb(142, 121, 3) }
```

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

Here you see how a box with a 4 pixel `rgb(142, 121, 3)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(142, 121, 3); -webkit-box-  
shadow:4px 4px 4px 4px rgb(142, 121, 3);  
box-shadow:4px 4px 4px 4px rgb(142, 121,  
3) }
```

Background

The CSS property to change the background color of an element to XYZ 18.0091, 19.4321, 2.8877 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(142, 121, 3) }
```

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

```
.background{ background-color: rgb(142,  
121, 3) }
```

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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