

Converting Colors

XYZ(18.5872, 18.0017, 3.2391)

Have a look what the booklet for
XYZ(18.5872, 18.0017, 3.2391)
contains.

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Color

**XYZ(18.5918, 18.0061,
3.2547)**

Conversions

Conversions Part 1

Format	Color
Hex	976F16
RGB	151, 111, 22
RGB Percent	59%, 44%, 9%
CMY	0.4078, 0.5647, 0.9137
CMYK	0.00, 0.26, 0.85, 0.41
HSL	41°, 75%, 34%
HSV	41°, 85%, 59%
XYZ	18.5918, 18.0061, 3.2547
YIQ	112.8140, 52.4090, -19.1990

Conversions

Conversions Part 2

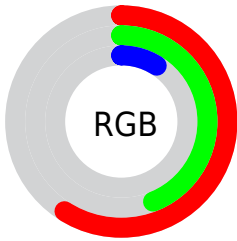
Format	Color
R_{YB}	80, 151, 22
Decimal	9924374
CIE _{Lab}	49.50, 7.90, 50.87
CIE _{LCh}	50, 51.477, 81.170
Yxy	18.0061, 0.4665, 0.4518
Android (android.graphics.Color)	4288114454 (0xFF976F16)
YUV	112.8140, -44.7713, 33.4891
Hunter-Lab	42.4336, 3.9490, 25.1559

Details

The XYZ color **18.5918, 18.0061, 3.2547** is a dark color, and the websafe version is hex **996600**. A complement of this color would be **7.6395, 5.8502, 30.0046**, and the grayscale version is **15.7590, 16.5797, 18.0553**.

A 20% lighter version of the original color is **40.4848, 39.9040, 12.2251**, and **6.6573, 6.1536, 0.8369** is the 20% darker color. If you saturate the color by 10%, you get **17.9876, 16.9690, 2.5256**, and if you desaturate by 10%, it is **19.3073, 19.1320, 4.4341**.

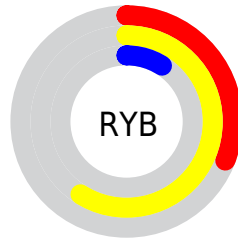
Distribution



Red (59%)

Green (44%)

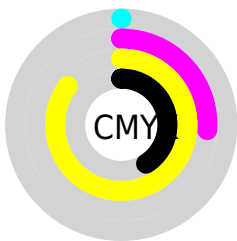
Blue (9%)



Red (31%)

Yellow (59%)

Blue (9%)

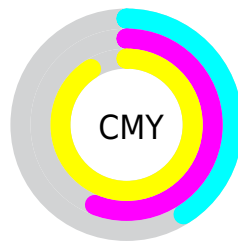


Cyan (0%)

Magenta (26%)

Yellow (85%)

Black (41%)



Cyan (41%)

Magenta (56%)

Yellow (91%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 18.5918, 18.0061, 3.2547 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 18.5918, 18.0061, 3.2547 by changing the saturation by 10% instead.

■ 18.5918, 18.0061,
3.2547

■ 18.5918, 18.0061,
3.2547

237.1675,
240.9054, 139.5413

■ 11.4779, 10.9544,
1.2261

■ 40.5654, 40.0477,
12.2507

■ 6.4589, 6.0362,
0.0001

■ 56.1559, 55.8064,
20.0552

■ 3.1694, 2.8671,
0.0000

■ 75.3026, 75.2362,
30.6221

■ 1.2440, 1.0627,
0.0000

■ 98.3710, 98.7215,
44.3699

■ 0.1407, 0.0000,
0.0000

■ 125.7263,
126.6466, 61.7172

■ 0.0000, 0.0000,
0.0000

■ 157.7339,

159.3961, 83.0825

194.7592,
197.3542, 108.8844

18.5918, 18.0061,
3.2547

18.5918, 18.0061,
3.2547

17.9876, 16.9690,
2.5256

19.3073, 19.1320,
4.4341

17.7311, 16.5165,
2.2535

20.1477, 20.3506,
6.1391

21.1246, 21.6680,
8.4271

22.2478, 23.0885,
11.3474

23.5260, 24.6164,
14.9444

■ 24.9672, 26.2554,
19.2580

■ 26.5788, 28.0090,
24.3255

■ 28.3675, 29.8805,
30.1812

■ 30.3400, 31.8731,
36.8574

Harmonies

Analogous

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



23.6802, 18.0061, 5.2590



18.5918, 18.0061, 3.2547



13.9514, 18.0061, 3.7263

Triad

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



18.5918, 18.0061, 3.2547



9.7851, 18.0061, 30.9684



25.4913, 18.0061, 41.6770

Complementary

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



18.5918, 18.0061, 3.2547



7.6395, 5.8502, 30.0046

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.



20.7223, 18.0061, 56.7369



18.5918, 18.0061, 3.2547



11.8902, 18.0061, 48.7833

Square

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



18.5918, 18.0061, 3.2547



9.4307, 18.0061, 15.7715



15.7171, 18.0061, 59.8200



28.1308, 18.0061, 24.0156

Rectangle

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



18.5918, 18.0061, 3.2547



11.6620, 18.0061, 5.5571



15.7171, 18.0061, 59.8200



24.0457, 18.0061, 47.5026

Sweetspot

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



18.5922, 18.0070, 3.2550



44.4167, 46.6898, 33.5801



13.9425, 7.5105, 5.3959



9.9043, 10.3970, 7.0535



72.9764, 76.7769, 83.6100



11.9732, 12.5967, 13.7178

Same Dimension

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



18.5922, 18.0070, 3.2550



31.5859, 29.2423, 3.9796



20.0162, 26.7301, 4.8637



6.5472, 6.8995, 6.5925



15.1104, 14.1032, 1.9258



0.2578, 0.2746, 0.0394

Inverse Universe

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



7.6395, 5.8502, 30.0046



11.6660, 7.3261, 53.2329



6.9840, 3.3812, 29.5626



6.0330, 6.3233, 7.8315



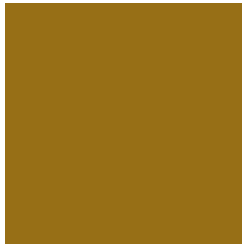
5.6337, 3.6641, 25.3180



0.1140, 0.1142, 0.3884

Previews

White Background



This preview shows how the XYZ color 18.5918, 18.0061, 3.2547 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 18.5918, 18.0061, 3.2547 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 18.5918, 18.0061, 3.2547

Background



This preview shows how black text looks on a background with the XYZ color 18.5918, 18.0061, 3.2547.



This preview shows how white text looks on a background with the XYZ color 18.5918, 18.0061,

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

18.5918, 18.0061, 3.2547

Protanopia

16.3162, 18.0094, 3.4804

Deuteranopia

18.3240, 18.0320, 3.2242



Tritanopia

21.4298, 17.9161, 17.3676

Trichromacy



Original Color

18.5918, 18.0061, 3.2547

Protanomaly

17.1006, 17.8988, 3.3641

Deuteranomaly

18.5072, 18.1265, 3.2328

Tritanomaly

19.8917, 17.7426, 9.7734

Monochromacy



Original Color

18.5918, 18.0061, 3.2547

Achromatopsia

15.6958, 16.5132, 17.9829

Achromatomaly

15.9945, 16.6796, 9.9659

CSS Examples

Text

The CSS property to change the color of the text to XYZ 18.5918, 18.0061, 3.2547 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(151, 111, 22)` looks like.

```
.text, #text, p{  
    color:rgb(151, 111, 22)  
}
```

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(151, 111, 22) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(151, 111, 22) }
```

Border

The CSS property to change the border of an element to XYZ 18.5918, 18.0061, 3.2547 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(151, 111, 22) }
```


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

```
.border{ border-color:rgb(151, 111, 22) }
```

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

Here you see how a box with a 4 pixel `rgb(151, 111, 22)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(151, 111, 22); -webkit-box-  
shadow:4px 4px 4px 4px rgb(151, 111, 22);  
box-shadow:4px 4px 4px 4px rgb(151, 111,  
22) }
```

Background

The CSS property to change the background color of an element to XYZ 18.5918, 18.0061, 3.2547 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(151, 111, 22) }
```

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

```
.background{ background-color: rgb(151,  
111, 22) }
```

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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