

Converting Colors

XYZ(9.3873, 18.5271, 3.8919)

Have a look what the booklet for
XYZ(9.3873, 18.5271, 3.8919)
contains.

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Color

**XYZ(9.3873, 18.5271,
3.8919)**

Conversions

Conversions Part 1

Format	Color
Hex	008B17
RGB	0, 139, 23
RGB Percent	0%, 55%, 9%
CMY	1.0000, 0.4549, 0.9098
CMYK	1.00, 0.00, 0.83, 0.45
HSL	130°, 100%, 27%
HSV	130°, 100%, 55%
XYZ	9.3873, 18.5271, 3.8919
YIQ	84.2150, -45.6080, -65.5440

Conversions

Conversions Part 2

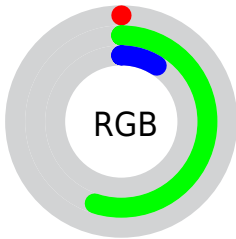
Format	Color
RYB	0, 119, 139
Decimal	35607
CIELab	50.13, -53.92, 48.13
CIElCh	50, 72.279, 138.245
Yxy	18.5271, 0.2951, 0.5825
Android (android.graphics.Color)	4278225687 (0xFF008B17)
YUV	84.2150, -30.1790, -73.8566
Hunter-Lab	43.0431, -36.3963, 24.7693

Details

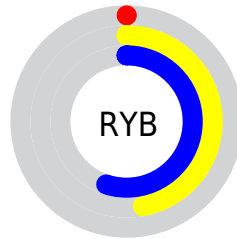
The XYZ color **9.3873, 18.5271, 3.8919** is a dark color, and the websafe version is hex **009933**. A complement of this color would be **13.8004, 6.7503, 17.0991**, and the grayscale version is **8.5392, 8.9839, 9.7835**.

A 20% lighter version of the original color is **24.3231, 41.0184, 13.8431**, and **3.4082, 6.8164, 1.1361** is the 20% darker color. If you saturate the color by 10%, you get **9.3876, 18.5278, 3.8921**, and if you desaturate by 10%, it is **9.7101, 18.6776, 4.6529**.

Distribution



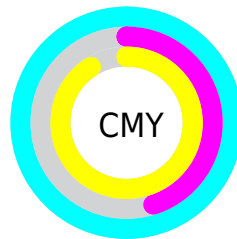
- Red (0%)
- Green (55%)
- Blue (9%)



- Red (0%)
- Yellow (47%)
- Blue (55%)



- Cyan (100%)
- Magenta (0%)
- Yellow (83%)
- Black (45%)





- Cyan (100%)
- Magenta (45%)
- Yellow (91%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 9.3873, 18.5271, 3.8919 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 9.3873, 18.5271, 3.8919 by changing the saturation by 10% instead.


 9.3873, 18.5271,
3.8919


 9.3873, 18.5271,
3.8919


180.3880,
243.8255, 147.0162


 5.0538, 11.3291,
1.5662


 24.2968, 40.9335,
13.7597


 2.3139, 6.2886,
0.2666


 35.6035, 56.9106,
22.1389


 0.8018, 3.0214,
0.0000

 49.9652, 76.5829,
33.3730

 0.0000, 1.1429,
0.0000

 67.7475, 100.3347,
47.8805


 0.0000, 0.0143,
0.0000


 89.3155, 128.5505,
66.0801


 0.0000, 0.0000,
0.0000


 115.0347,


161.6146, 88.3902


 145.2704,
199.9115, 115.2294


 9.3873, 18.5271,
3.8919


 9.3873, 18.5271,
3.8919


 9.3876, 18.5278,
3.8921

 9.7101, 18.6776,
4.6529

 10.2037, 18.9090,
5.7180

 10.9346, 19.2555,
7.1174

 11.9287, 19.7301,
8.8760

 13.2086, 20.3439,
11.0162

■ 14.7945, 21.1068,
13.5588

■ 16.7046, 22.0278,
16.5229

■ 18.9556, 23.1153,
19.9264

■ 21.5632, 24.3769,
23.7863

Harmonies

Analogous

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



13.7396, 18.5271, 1.2711



9.3873, 18.5271, 3.8919



7.4809, 18.5271, 13.3227

Triad

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



9.3873, 18.5271, 3.8919



15.0188, 18.5271, 85.8678



33.6419, 18.5271, 10.3878

Complementary

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



9.3873, 18.5271, 3.8919



13.8004, 6.7503, 17.0991

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.



34.2498, 18.5271, 29.0420



9.3873, 18.5271, 3.8919



22.1452, 18.5271, 82.9492

Square

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



9.3873, 18.5271, 3.8919



10.1101, 18.5271, 64.4617



29.6124, 18.5271, 58.0263



28.1218, 18.5271, 2.9540

Rectangle

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



9.3873, 18.5271, 3.8919



7.4006, 18.5271, 26.1898



29.6124, 18.5271, 58.0263



34.4724, 18.5271, 15.1562

Sweetspot

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



9.3877, 18.5279, 3.8923



29.6713, 39.3295, 29.2169



16.7250, 22.3282, 3.4284



6.5305, 8.9146, 6.2600



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.



9.3877, 18.5279, 3.8923



16.7679, 33.1616, 6.7426



11.0936, 19.2102, 12.8751



5.0034, 5.6209, 5.5391



8.4771, 16.7234, 3.5373



0.0600, 0.1126, 0.0428

Inverse Universe

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



13.8004, 6.7503, 17.0991



24.6611, 12.0671, 30.3462



11.1950, 5.7081, 3.3793



5.1989, 5.1150, 6.1359



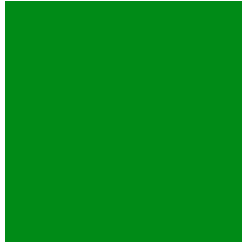
12.4603, 6.0942, 15.4600



0.0872, 0.0422, 0.1258

Previews

White Background



This preview shows how the XYZ color 9.3873, 18.5271, 3.8919 looks on a white background.

Color Contrast Check

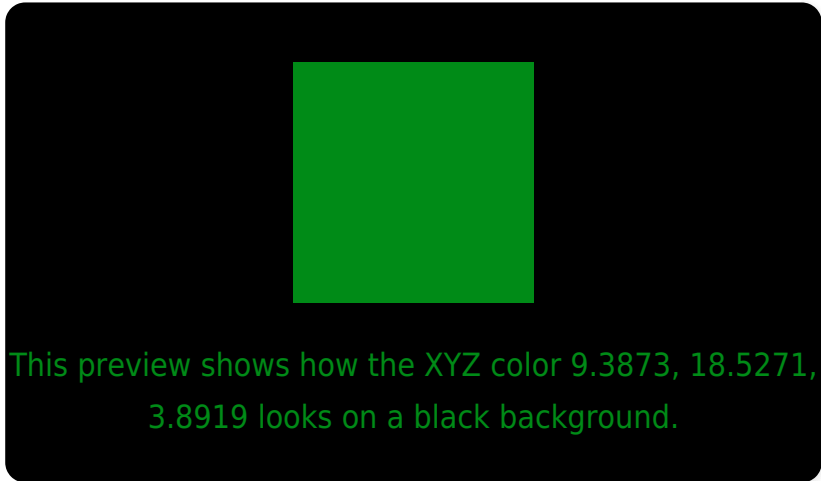
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



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 9.3873, 18.5271, 3.8919

Background



This preview shows how black text looks on a background with the XYZ color 9.3873, 18.5271, 3.8919.



This preview shows how white text looks on a background with the XYZ color 9.3873, 18.5271,

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

9.3873, 18.5271, 3.8919

Protanopia

16.5295, 18.3025, 3.1918

Deuteranopia

18.6335, 18.3334, 4.3069



Tritanopia

14.3288, 18.4935, 27.6253

Trichromacy



Original Color

9.3873, 18.5271, 3.8919



Protanomaly

11.3247, 16.9000, 3.2813



Deuteranomaly

11.9396, 16.4562, 3.9136



Tritanomaly

11.3081, 18.0314, 14.1937

Monochromacy



Original Color

9.3873, 18.5271, 3.8919



Achromatopsia

8.4267, 8.8656, 9.6546



Achromatomaly

7.2880, 11.0053, 6.2975

CSS Examples

Text

The CSS property to change the color of the text to XYZ 9.3873, 18.5271, 3.8919 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(0, 139, 23)` looks like.

```
.text, #text, p{  
    color:rgb(0, 139, 23)  
}
```

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(0, 139, 23) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 139, 23) }
```

Border

The CSS property to change the border of an element to XYZ 9.3873, 18.5271, 3.8919 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(0, 139, 23) }
```


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

```
.border{ border-color:rgb(0, 139, 23) }
```

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

Here you see how a box with a 4 pixel rgb(0, 139, 23) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 139, 23); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 139, 23);  
box-shadow:4px 4px 4px 4px rgb(0, 139, 23)  
}
```

Background

The CSS property to change the background color of an element to XYZ 9.3873, 18.5271, 3.8919 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 139, 23) }
```

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

```
.background{ background-color: rgb(0, 139,  
23) }
```

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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