

Converting Colors

XYZ(10.7416, 19.4905, 2.9052)

Have a look what the booklet for
XYZ(10.7416, 19.4905, 2.9052)
contains.

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Color

**XYZ(10.7943, 19.4862,
3.1923)**

Conversions

Conversions Part 1

Format	Color
Hex	348C00
RGB	52, 140, 0
RGB Percent	20%, 55%, 0%
CMY	0.7961, 0.4510, 1.0000
CMYK	0.63, 0.00, 1.00, 0.45
HSL	98°, 100%, 27%
HSV	98°, 100%, 55%
XYZ	10.7943, 19.4862, 3.1923
YIQ	97.7280, -7.5080, -62.1960

Conversions

Conversions Part 2

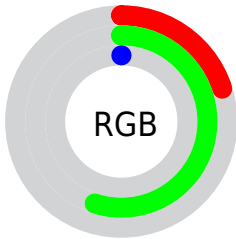
Format	Color
RYB	0, 140, 88
Decimal	3443712
CIELab	51.25, -47.74, 54.28
CIELCh	51, 72.289, 131.334
Yxy	19.4862, 0.3225, 0.5822
Android (android.graphics.Color)	4281633792 (0xFF348C00)
YUV	97.7280, -48.1799, -40.1035
Hunter-Lab	44.1432, -33.6021, 26.6126

Details

The XYZ color **10.7943, 19.4862, 3.1923** is a dark color, and the websafe version is hex **339900**. A complement of this color would be **8.7595, 3.9690, 25.1163**, and the grayscale version is **11.6599, 12.2671, 13.3588**.

A 20% lighter version of the original color is **26.8605, 42.3683, 12.0724**, and **3.5724, 7.1448, 1.1908** is the 20% darker color. If you saturate the color by 10%, you get **10.7944, 19.4868, 3.1924**, and if you desaturate by 10%, it is **11.3701, 19.7745, 3.6334**.

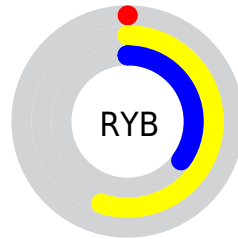
Distribution



Red (20%)

Green (55%)

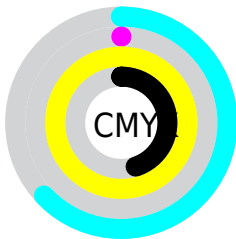
Blue (0%)



Red (0%)

Yellow (55%)

Blue (35%)

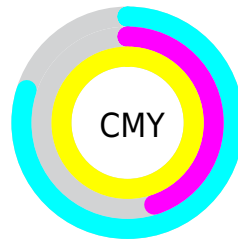


Cyan (63%)

Magenta (0%)

Yellow (100%)

Black (45%)



Cyan (80%)

Magenta (45%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 10.7943, 19.4862, 3.1923 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 10.7943, 19.4862, 3.1923 by changing the saturation by 10% instead.

■ 10.7943, 19.4862,
3.1923

■ 10.7943, 19.4862,
3.1923

190.1884,
249.1199, 138.7734

■ 5.9950, 12.0221,
1.1936

■ 26.9155, 42.5541,
12.0994

■ 2.8826, 6.7587,
0.0000

■ 38.9681, 58.9266,
19.8449

■ 1.0920, 3.3117,
0.0000

■ 54.1691, 79.0375,
30.3431

■ 0.0184, 1.2965,
0.0000

■ 72.8839, 103.2710,
44.0125


■ 0.0000, 0.1385,
0.0000


■ 95.4779, 132.0116,
61.2717


■ 0.0000, 0.0000,
0.0000


■ 122.3164,


165.6437, 82.5392


 153.7648,
204.5517, 108.2336


 10.7943, 19.4862,
3.1923


 10.7943, 19.4862,
3.1923


 10.7944, 19.4868,
3.1924

 11.3701, 19.7745,
3.6334

 12.0854, 20.1282,
4.3475

 12.9716, 20.5610,
5.4765

 14.0421, 21.0786,
7.0713

 15.3087, 21.6863,
9.1753

■ 16.7821, 22.3887,
11.8269

■ 18.4720, 23.1901,
15.0609

■ 20.3877, 24.0944,
18.9090

■ 22.5375, 25.1055,
23.4010

Harmonies

Analogous

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



15.9293, 19.4862, 1.2462



10.7943, 19.4862, 3.1923



8.2509, 19.4862, 10.8820

Triad

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



10.7943, 19.4862, 3.1923



14.4308, 19.4862, 85.3906



35.6998, 19.4862, 14.3351

Complementary

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



10.7943, 19.4862, 3.1923



8.7595, 3.9690, 25.1163

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.



34.9941, 19.4862, 36.6210



10.7943, 19.4862, 3.1923



21.3797, 19.4862, 88.7576

Square

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



10.7943, 19.4862, 3.1923



9.9434, 19.4862, 59.6978



29.2622, 19.4862, 67.1399



30.9952, 19.4862, 4.3190

Rectangle

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



10.7943, 19.4862, 3.1923



7.8352, 19.4862, 22.1541



29.2622, 19.4862, 67.1399



36.1140, 19.4862, 20.3070

Sweetspot

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



10.7947, 19.4870, 3.1927



32.3635, 40.7879, 26.1554



14.1706, 12.2855, 1.6248



7.1932, 9.2734, 5.5149



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.



10.7947, 19.4870, 3.1927



18.8652, 34.2698, 5.6204



9.4747, 18.7954, 3.6323



5.1359, 5.6928, 5.3805



9.6114, 17.3248, 2.8375



0.0791, 0.1229, 0.0196

Inverse Universe

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



8.7595, 3.9690, 25.1163



15.2605, 6.9030, 44.2711



14.4330, 7.0228, 19.5544



5.0568, 5.0377, 6.3117



7.8047, 3.5376, 22.3172



0.0681, 0.0319, 0.1490

Previews

White Background



This preview shows how the XYZ color 10.7943, 19.4862, 3.1923 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 10.7943, 19.4862, 3.1923

Background



This preview shows how black text looks on a background with the XYZ color 10.7943, 19.4862, 3.1923.



This preview shows how white text looks on a background with the XYZ color 10.7943, 19.4862,

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

10.7943, 19.4862, 3.1923

Protanopia

17.2761, 19.2374, 2.8027

Deuteranopia

19.4894, 19.1225, 3.8262



Tritanopia

15.7708, 19.4249, 28.1175

Trichromacy



Original Color

10.7943, 19.4862, 3.1923

Protanomaly

13.7941, 18.7647, 2.8949

Deuteranomaly

14.5193, 18.1720, 3.3146

Tritanomaly

12.6853, 18.9817, 12.6681

Monochromacy



Original Color

10.7943, 19.4862, 3.1923

Achromatopsia

11.6093, 12.2139, 13.3009

Achromatomaly

10.1680, 13.9074, 6.7059

CSS Examples

Text

The CSS property to change the color of the text to XYZ 10.7943, 19.4862, 3.1923 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(52, 140, 0)` looks like.

```
.text, #text, p{  
    color:rgb(52, 140, 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(52, 140, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(52, 140, 0) }
```

Border

The CSS property to change the border of an element to XYZ 10.7943, 19.4862, 3.1923 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(52, 140, 0) }
```


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

```
.border{ border-color:rgb(52, 140, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(52, 140, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(52, 140, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(52, 140, 0);  
box-shadow:4px 4px 4px 4px rgb(52, 140, 0)  
}
```

Background

The CSS property to change the background color of an element to XYZ 10.7943, 19.4862, 3.1923 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(52, 140, 0) }
```

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

```
.background{ background-color: rgb(52, 140,  
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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