

Converting Colors

XYZ(16.4362, 19.3541, 3.1279)

Have a look what the booklet for
XYZ(16.4362, 19.3541, 3.1279)
contains.

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Color

**XYZ(16.4362, 19.3541,
3.1279)**

Conversions

Conversions Part 1

Format	Color
Hex	817D09
RGB	129, 125, 9
RGB Percent	51%, 49%, 4%
CMY	0.4941, 0.5098, 0.9647
CMYK	0.00, 0.03, 0.93, 0.49
HSL	58°, 87%, 27%
HSV	58°, 93%, 51%
XYZ	16.4362, 19.3541, 3.1279
YIQ	112.9720, 39.6200, -35.2280

Conversions

Conversions Part 2

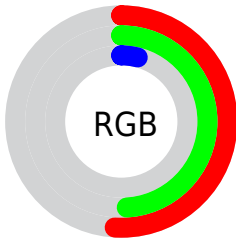
Format	Color
R_{YB}	13, 129, 9
Decimal	8486153
CIE Lab	51.10, -10.66, 54.43
CIE LCh	51, 55.468, 101.076
Yxy	19.3541, 0.4223, 0.4973
Android (android.graphics.Color)	4286676233 (0xFF817D09)
YUV	112.9720, -51.2582, 14.0566
Hunter-Lab	43.9933, -10.2994, 26.5798

Details

The XYZ color **16.4362, 19.3541, 3.1279** is a dark color, and the websafe version is hex **999933**. A complement of this color would be **4.2192, 1.9311, 20.9191**, and the grayscale version is **15.8275, 16.6518, 18.1338**.

A 20% lighter version of the original color is **36.8352, 42.2008, 11.9985**, and **5.5649, 6.7054, 1.0010** is the 20% darker color. If you saturate the color by 10%, you get **16.3494, 19.2594, 2.8557**, and if you desaturate by 10%, it is **16.5857, 19.5019, 3.6445**.

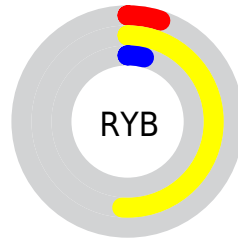
Distribution



Red (51%)

Green (49%)

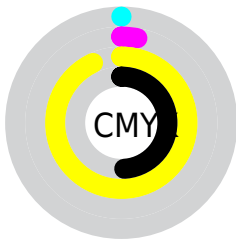
Blue (4%)



Red (5%)

Yellow (51%)

Blue (4%)

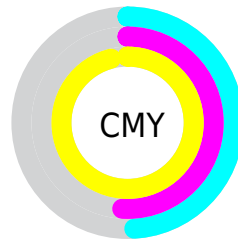


Cyan (0%)

Magenta (3%)

Yellow (93%)

Black (49%)



Cyan (49%)

Magenta (51%)

Yellow (96%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 16.4362, 19.3541, 3.1279 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 16.4362, 19.3541, 3.1279 by changing the saturation by 10% instead.

■ 16.4362, 19.3541,
3.1279

■ 16.4362, 19.3541,
3.1279

225.1222,
248.3967, 137.9733

■ 9.9261, 11.9264,
1.1603

■ 36.9052, 42.3316,
11.9424

■ 5.4119, 6.6936,
0.0000

■ 51.5948, 58.6502,
19.6265

■ 2.5281, 3.2712,
0.0000

■ 69.7417, 78.7012,
30.0531

■ 0.9095, 1.2749,
0.0000

■ 91.7112, 102.8691,
43.6407


■ 0.0000, 0.1217,
0.0000


■ 117.8686,
131.5382, 60.8081


■ 0.0000, 0.0000,
0.0000


■ 148.5794,


165.0929, 81.9736


 184.2088,
203.9176, 107.5558


 16.4362, 19.3541,
3.1279


 16.4362, 19.3541,
3.1279


 16.3494, 19.2594,
2.8557

 16.5857, 19.5019,
3.6445

 16.7971, 19.6740,
4.4874

 17.0790, 19.8747,
5.7010

 17.4385, 20.1069,
7.3218

 17.8817, 20.3729,
9.3820

■ 18.4141, 20.6749,
11.9108

■ 19.0407, 21.0150,
14.9347

■ 19.7662, 21.3951,
18.4781

■ 20.5950, 21.8168,
22.5641

Harmonies

Analogous

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



22.0459, 19.3541, 3.4387



16.4362, 19.3541, 3.1279



12.2807, 19.3541, 5.4871

Triad

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



16.4362, 19.3541, 3.1279



11.5148, 19.3541, 47.9231



30.3335, 19.3541, 32.5116

Complementary

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



16.4362, 19.3541, 3.1279



4.2192, 1.9311, 20.9191

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.



26.2629, 19.3541, 53.1773



16.4362, 19.3541, 3.1279



15.1720, 19.3541, 64.7173

Square

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



16.4362, 19.3541, 3.1279



9.8410, 19.3541, 27.4493



20.5046, 19.3541, 67.0126



30.8599, 19.3541, 15.7701

Rectangle

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



16.4362, 19.3541, 3.1279



10.5998, 19.3541, 9.5499



20.5046, 19.3541, 67.0126



29.3012, 19.3541, 39.3959

Sweetspot

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



16.4366, 19.3550, 3.1283



33.4438, 37.2815, 23.5792



9.2237, 4.8917, 0.8391



7.4805, 8.3895, 4.9076



62.3462, 65.5931, 71.4309



8.4577, 8.8982, 9.6901

Same Dimension

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



16.4366, 19.3550, 3.1283



29.2556, 34.4441, 5.1065



10.6475, 17.1368, 3.0052



4.6535, 4.9957, 4.6391



15.9416, 18.7796, 2.7846



0.0000, 0.0000, 0.0000

Inverse Universe

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



4.2192, 1.9311, 20.9191



7.1567, 2.9600, 37.3866



6.2405, 2.9045, 21.0004



4.1194, 4.2329, 5.4132



3.9095, 1.6375, 20.3600



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the XYZ color 16.4362, 19.3541, 3.1279 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 16.4362, 19.3541, 3.1279 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 16.4362, 19.3541, 3.1279

Background



This preview shows how black text looks on a background with the XYZ color 16.4362, 19.3541, 3.1279.

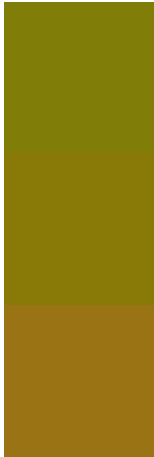


This preview shows how white text looks on a background with the XYZ color 16.4362, 19.3541,

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

16.4362, 19.3541, 3.1279

Protanopia

17.3144, 19.2528, 3.0046

Deuteranopia

19.5834, 19.1820, 3.3322



Tritanopia

20.2636, 19.2898, 22.0573

Trichromacy



Original Color

16.4362, 19.3541, 3.1279

Protanomaly

16.9583, 19.2518, 3.0519

Deuteranomaly

18.3674, 19.2508, 3.2379

Tritanomaly

17.9897, 18.8865, 10.8809

Monochromacy



Original Color

16.4362, 19.3541, 3.1279

Achromatopsia

15.6958, 16.5132, 17.9829

Achromatomaly

15.2390, 17.1525, 9.1642

CSS Examples

Text

The CSS property to change the color of the text to XYZ 16.4362, 19.3541, 3.1279 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(129, 125, 9)` looks like.

```
.text, #text, p{  
    color:rgb(129, 125, 9)  
}
```

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(129, 125, 9) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(129, 125, 9) }
```

Border

The CSS property to change the border of an element to XYZ 16.4362, 19.3541, 3.1279 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(129, 125, 9) }
```


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

```
.border{ border-color:rgb(129, 125, 9) }
```

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

Here you see how a box with a 4 pixel rgb(129, 125, 9) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(129, 125, 9); -webkit-box-  
shadow:4px 4px 4px 4px rgb(129, 125, 9);  
box-shadow:4px 4px 4px 4px rgb(129, 125,  
9) }
```

Background

The CSS property to change the background color of an element to XYZ 16.4362, 19.3541, 3.1279 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(129, 125, 9) }
```

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

```
.background{ background-color: rgb(129,  
125, 9) }
```

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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