

Converting Colors

XYZ(13.7639, 19.0094, 0.0000)

Have a look what the booklet for
XYZ(13.7639, 19.0094, 0.0000)
contains.

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Color

**XYZ(14.2893, 19.2165,
2.9560)**

Conversions

Conversions Part 1

Format	Color
Hex	6D8200
RGB	109, 130, 0
RGB Percent	43%, 51%, 0%
CMY	0.5726, 0.4902, 1.0000
CMYK	0.16, 0.00, 1.00, 0.49
HSL	70°, 100%, 25%
HSV	70°, 100%, 51%
XYZ	14.2893, 19.2165, 2.9560
YIQ	108.9010, 29.2140, -44.8820

Conversions

Conversions Part 2

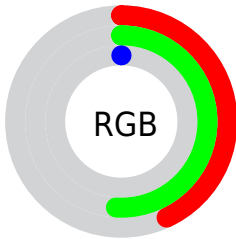
Format	Color
RYB	0, 130, 21
Decimal	7176704
CIELab	50.94, -22.67, 55.30
CIELCh	51, 59.769, 112.288
Yxy	19.2165, 0.3919, 0.5270
Android (android.graphics.Color)	4285366784 (0xFF6D8200)
YUV	108.9010, -53.6882, 0.0868
Hunter-Lab	43.8366, -18.5290, 26.6876

Details

The XYZ color **14.2893, 19.2165, 2.9560** is a dark color, and the websafe version is hex **999933**. A complement of this color would be **4.3391, 1.7715, 21.2336**, and the grayscale version is **14.6501, 15.4130, 16.7848**.

A 20% lighter version of the original color is **33.2267, 42.1528, 11.5393**, and **4.6298, 6.7547, 1.0598** is the 20% darker color. If you saturate the color by 10%, you get **14.2895, 19.2173, 2.9562**, and if you desaturate by 10%, it is **14.6239, 19.3813, 3.3512**.

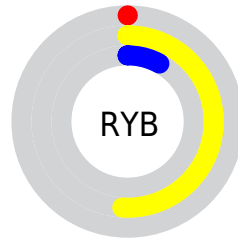
Distribution



Red (43%)

Green (51%)

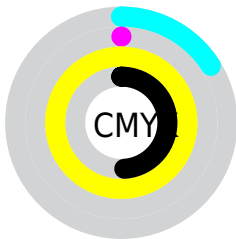
Blue (0%)



Red (0%)

Yellow (51%)

Blue (8%)

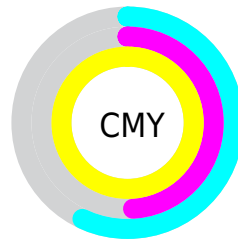


Cyan (16%)

Magenta (0%)

Yellow (100%)

Black (49%)



Cyan (57%)

Magenta (49%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 14.2893, 19.2165, 2.9560 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 14.2893, 19.2165, 2.9560 by changing the saturation by 10% instead.

■ 14.2893, 19.2165,
2.9560

■ 14.2893, 19.2165,
2.9560

212.4980,
247.6414, 135.7982

■ 8.4052, 11.8268,
1.0722

■ 33.1835, 42.0996,
11.5197

■ 4.4093, 6.6259,
0.0000

■ 46.9242, 58.3618,
19.0366

■ 1.9362, 3.2292,
0.0000

■ 64.0146, 78.3504,
29.2684

■ 0.5977, 1.2526,
0.0000

■ 84.8200, 102.4496,
42.6335


■ 0.0000, 0.1040,
0.0000


■ 109.7056,
131.0439, 59.5505


■ 0.0000, 0.0000,
0.0000


■ 139.0369,


164.5177, 80.4379


 173.1793,
203.2554, 105.7143


 14.2893, 19.2165,
2.9560


 14.2893, 19.2165,
2.9560


 14.2895, 19.2173,
2.9562

 14.6239, 19.3813,
3.3512

 15.0055, 19.5648,
3.9633

 15.4593, 19.7780,
4.9230

 15.9933, 20.0240,
6.2720

 16.6143, 20.3055,
8.0462

■ 17.3285, 20.6250,
10.2773

■ 18.1412, 20.9847,
12.9942

■ 19.0576, 21.3866,
16.2231

■ 20.0823, 21.8326,
19.9887

Harmonies

Analogous

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



19.8306, 19.2165, 2.4140



14.2893, 19.2165, 2.9560



10.6765, 19.2165, 6.6730

Triad

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



14.2893, 19.2165, 2.9560



12.1643, 19.2165, 58.6133



31.9793, 19.2165, 25.5960

Complementary

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



14.2893, 19.2165, 2.9560



4.3391, 1.7715, 21.2336

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.



28.7958, 19.2165, 47.7717



14.2893, 19.2165, 2.9560



16.7835, 19.2165, 72.4950

Square

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



14.2893, 19.2165, 2.9560



9.6467, 19.2165, 35.8318



22.9165, 19.2165, 67.7166



30.9088, 19.2165, 10.8579

Rectangle

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



14.2893, 19.2165, 2.9560



9.4456, 19.2165, 12.5101



22.9165, 19.2165, 67.7166



31.3510, 19.2165, 32.4532

Sweetspot

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



14.2897, 19.2174, 2.9564



31.8424, 36.9079, 22.5261



9.4480, 5.2292, 0.5116



7.0902, 8.3022, 4.7011



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.



14.2897, 19.2174, 2.9564



25.0608, 33.7883, 5.2009



9.0877, 16.5356, 2.7130



4.5993, 4.9854, 4.6400



13.7054, 18.4278, 2.8346



0.0000, 0.0000, 0.0000

Inverse Universe

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



4.3391, 1.7715, 21.2336



7.5530, 3.0740, 37.3877



7.7311, 3.5202, 21.3923



4.1686, 4.2425, 5.4125



4.1643, 1.7005, 20.3587



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the XYZ color 14.2893, 19.2165, 2.9560 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 14.2893, 19.2165, 2.9560 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

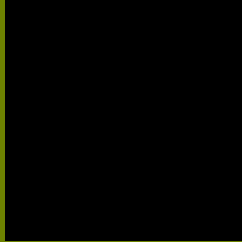
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 14.2893, 19.2165, 2.9560

Background



This preview shows how black text looks on a background with the XYZ color 14.2893, 19.2165, 2.9560.



This preview shows how white text looks on a background with the XYZ color 14.2893, 19.2165,

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

14.2893, 19.2165, 2.9560

Protanopia

17.2761, 19.2374, 2.8027

Deuteranopia

19.4223, 19.0956, 3.4728



Tritanopia

18.4744, 19.2084, 23.8530

Trichromacy



Original Color

14.2893, 19.2165, 2.9560

Protanomaly

16.0860, 19.1793, 2.8541

Deuteranomaly

17.1192, 18.7858, 3.1757

Tritanomaly

15.8392, 18.6847, 10.9553

Monochromacy



Original Color

14.2893, 19.2165, 2.9560

Achromatopsia

14.5356, 15.2926, 16.6537

Achromatomaly

13.7421, 16.4035, 8.0721

CSS Examples

Text

The CSS property to change the color of the text to XYZ 14.2893, 19.2165, 2.9560 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(109, 130, 0)` looks like.

```
.text, #text, p{  
    color:rgb(109, 130, 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(109, 130, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(109, 130, 0) }
```

Border

The CSS property to change the border of an element to XYZ 14.2893, 19.2165, 2.9560 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(109, 130, 0) }
```


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

```
.border{ border-color:rgb(109, 130, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(109, 130, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(109, 130, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(109, 130, 0);  
box-shadow:4px 4px 4px 4px rgb(109, 130,  
0) }
```

Background

The CSS property to change the background color of an element to XYZ 14.2893, 19.2165, 2.9560 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(109, 130, 0) }
```

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

```
.background{ background-color: rgb(109,  
130, 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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