

Converting Colors

XYZ(14.7716, 22.1518, 3.4972)

Have a look what the booklet for
XYZ(14.7716, 22.1518, 3.4972)
contains.

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Color

**XYZ(14.7522, 22.1863,
3.5049)**

Conversions

Conversions Part 1

Format	Color
Hex	618F00
RGB	97, 143, 0
RGB Percent	38%, 56%, 0%
CMY	0.6196, 0.4392, 1.0000
CMYK	0.32, 0.00, 1.00, 0.44
HSL	79°, 100%, 28%
HSV	79°, 100%, 56%
XYZ	14.7522, 22.1863, 3.5049
YIQ	112.9440, 18.4870, -54.2250

Conversions

Conversions Part 2

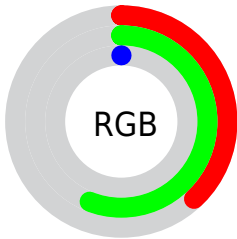
Format	Color
RYB	0, 143, 46
Decimal	6393600
CIELab	54.22, -33.98, 57.45
CIELCh	54, 66.754, 120.605
Yxy	22.1863, 0.3648, 0.5486
Android (android.graphics.Color)	4284583680 (0xFF618F00)
YUV	112.9440, -55.6814, -13.9829
Hunter-Lab	47.1023, -26.5238, 28.5598

Details

The XYZ color **14.7522, 22.1863, 3.5049** is a dark color, and the websafe version is hex **669900**. A complement of this color would be **6.0858, 2.5648, 26.1622**, and the grayscale version is **15.8365, 16.6612, 18.1440**.

A 20% lighter version of the original color is **33.9893, 47.0376, 12.9180**, and **4.8234, 8.1679, 1.3223** is the 20% darker color. If you saturate the color by 10%, you get **14.7522, 22.1870, 3.5050**, and if you desaturate by 10%, it is **15.3386, 22.4799, 3.9573**.

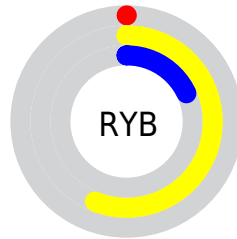
Distribution



Red (38%)

Green (56%)

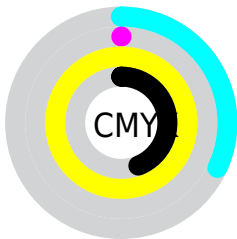
Blue (0%)



Red (0%)

Yellow (56%)

Blue (18%)

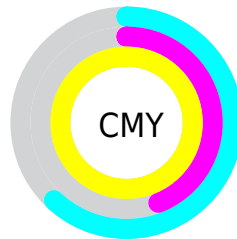


Cyan (32%)

Magenta (0%)

Yellow (100%)

Black (44%)



Cyan (62%)

Magenta (44%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 14.7522, 22.1863, 3.5049 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 14.7522, 22.1863, 3.5049 by changing the saturation by 10% instead.

■ 14.7522, 22.1863,
3.5049

■ 14.7522, 22.1863,
3.5049

215.2797,
263.5176, 142.5522

■ 8.7308, 13.9939,
1.3579

■ 33.9931, 47.0537,
12.8508

■ 4.6217, 8.1164,
0.1085

■ 47.9434, 64.4975,
20.8867

■ 2.0595, 4.1695,
0.0000

■ 65.2673, 85.7938,
31.7227

■ 0.6671, 1.7688,
0.0000

■ 86.3303, 111.3271,
45.7773


■ 0.0000, 0.4676,
0.0000


■ 111.4977,
141.4817, 63.4690


■ 0.0000, 0.0000,
0.0000


■ 141.1348,


176.6421, 85.2163


 175.6070,
217.1926, 111.4379


 14.7522, 22.1863,
3.5049


 14.7522, 22.1863,
3.5049


 14.7522, 22.1870,
3.5050

 15.3386, 22.4799,
3.9573

 16.0077, 22.8092,
4.6964

 16.7880, 23.1863,
5.8678

 17.6901, 23.6156,
7.5248

 18.7230, 24.1008,
9.7132

■ 19.8949, 24.6450,
12.4733

■ 21.2132, 25.2514,
15.8416

■ 22.6845, 25.9227,
19.8517

■ 24.3151, 26.6613,
24.5344

Harmonies

Analogous

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



20.9405, 22.1863, 2.1822



14.7522, 22.1863, 3.5049



11.1181, 22.1863, 9.3738

Triad

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



14.7522, 22.1863, 3.5049



14.9541, 22.1863, 78.3684



38.3407, 22.1863, 23.7379

Complementary

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



14.7522, 22.1863, 3.5049



6.0858, 2.5648, 26.1622

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.



35.7278, 22.1863, 49.5548



14.7522, 22.1863, 3.5049



21.2350, 22.1863, 90.1855

Square

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



14.7522, 22.1863, 3.5049



11.2144, 22.1863, 50.7432



29.0176, 22.1863, 77.4480



35.5190, 22.1863, 8.9907

Rectangle

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



14.7522, 22.1863, 3.5049



10.1007, 22.1863, 18.2039



29.0176, 22.1863, 77.4480



38.0637, 22.1863, 31.2845

Sweetspot

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



14.7527, 22.1873, 3.5054



37.8278, 45.1459, 27.9469



12.2779, 7.7391, 0.8470



8.4644, 10.2564, 5.8619



69.3244, 72.9347, 79.4259



10.7221, 11.2805, 12.2844

Same Dimension

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



14.7527, 22.1873, 3.5054



26.2332, 39.6365, 6.2680



10.2549, 19.8685, 3.2949



5.6731, 6.1996, 5.7870



13.0655, 19.6281, 3.1000



0.1480, 0.1996, 0.0307

Inverse Universe

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



6.0858, 2.5648, 26.1622



10.7357, 4.5088, 46.8425



12.2660, 5.7508, 26.4514



5.2828, 5.3340, 6.7799



5.4003, 2.2776, 23.1321



0.0727, 0.0326, 0.2221

Previews

White Background



This preview shows how the XYZ color 14.7522, 22.1863, 3.5049 looks on a white background.

Color Contrast Check

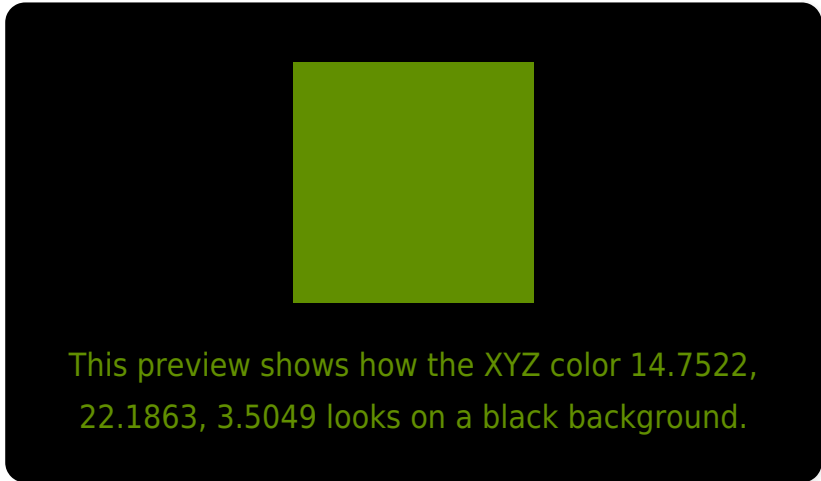
Large Text (above 18pt) WCAG AA ✓ Pass

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

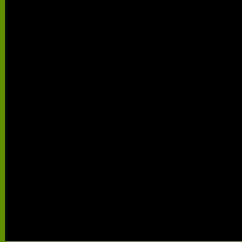
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 14.7522, 22.1863, 3.5049

Background



This preview shows how black text looks on a background with the XYZ color 14.7522, 22.1863, 3.5049.



This preview shows how white text looks on a background with the XYZ color 14.7522, 22.1863,

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

14.7522, 22.1863, 3.5049

Protanopia

19.8367, 22.0763, 3.2156

Deuteranopia

22.3850, 22.0316, 4.1096



Tritanopia

19.9771, 22.1682, 29.6115

Trichromacy



Original Color

14.7522, 22.1863, 3.5049

Protanomaly

17.5661, 21.9171, 3.3046

Deuteranomaly

18.7313, 21.4947, 3.6920

Tritanomaly

16.8213, 21.7282, 13.4326

Monochromacy



Original Color

14.7522, 22.1863, 3.5049

Achromatopsia

15.6958, 16.5132, 17.9829

Achromatomaly

14.4408, 18.0090, 8.8459

CSS Examples

Text

The CSS property to change the color of the text to XYZ 14.7522, 22.1863, 3.5049 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(97, 143, 0)` looks like.

```
.text, #text, p{  
    color:rgb(97, 143, 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(97, 143, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(97, 143, 0) }
```

Border

The CSS property to change the border of an element to XYZ 14.7522, 22.1863, 3.5049 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(97, 143, 0) }
```


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

```
.border{ border-color:rgb(97, 143, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(97, 143, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(97, 143, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(97, 143, 0);  
box-shadow:4px 4px 4px 4px rgb(97, 143, 0)  
}
```

Background

The CSS property to change the background color of an element to XYZ 14.7522, 22.1863, 3.5049 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(97, 143, 0) }
```

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

```
.background{ background-color: rgb(97, 143,  
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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