

Converting Colors

XYZ(14.9904, 22.5137, 3.5390)

Have a look what the booklet for
XYZ(14.9904, 22.5137, 3.5390)
contains.

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Color

**XYZ(15.0103, 22.5432,
3.5601)**

Conversions

Conversions Part 1

Format	Color
Hex	629000
RGB	98, 144, 0
RGB Percent	38%, 56%, 0%
CMY	0.6157, 0.4353, 1.0000
CMYK	0.32, 0.00, 1.00, 0.44
HSL	79°, 100%, 28%
HSV	79°, 100%, 56%
XYZ	15.0103, 22.5432, 3.5601
YIQ	113.8300, 18.8080, -54.5360

Conversions

Conversions Part 2

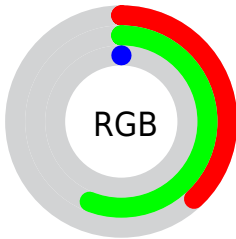
Format	Color
RYB	0, 144, 46
Decimal	6459392
CIELab	54.60, -34.04, 57.77
CIElCh	55, 67.052, 120.510
Yxy	22.5432, 0.3651, 0.5483
Android (android.graphics.Color)	4284649472 (0xFF629000)
YUV	113.8300, -56.1182, -13.8829
Hunter-Lab	47.4797, -26.6582, 28.7901

Details

The XYZ color **15.0103, 22.5432, 3.5601** is a dark color, and the websafe version is hex **669900**. A complement of this color would be **6.1617, 2.5951, 26.5630**, and the grayscale version is **16.1031, 16.9417, 18.4495**.

A 20% lighter version of the original color is **34.4051, 47.5901, 13.0027**, and **4.9531, 8.3642, 1.3534** is the 20% darker color. If you saturate the color by 10%, you get **15.0104, 22.5440, 3.5603**, and if you desaturate by 10%, it is **15.6037, 22.8403, 4.0164**.

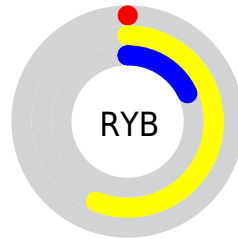
Distribution



Red (38%)

Green (56%)

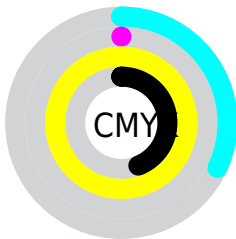
Blue (0%)



Red (0%)

Yellow (56%)

Blue (18%)

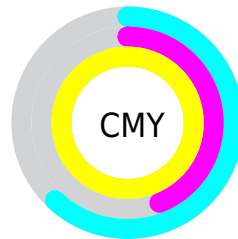


Cyan (32%)

Magenta (0%)

Yellow (100%)

Black (44%)



Cyan (62%)

Magenta (44%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 15.0103, 22.5432, 3.5601 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 15.0103, 22.5432, 3.5601 by changing the saturation by 10% instead.

■ 15.0103, 22.5432,
3.5601

■ 15.0103, 22.5432,
3.5601

216.8157,
265.3700, 143.2027

■ 8.9130, 14.2566,
1.3873

■ 34.4428, 47.6422,
12.9818

■ 4.7411, 8.2993,
0.1318

■ 48.5086, 65.2233,
21.0677

■ 2.1294, 4.2871,
0.0000

■ 65.9613, 86.6714,
31.9618

■ 0.7051, 1.8354,
0.0000

■ 87.1663, 112.3708,
46.0825


■ 0.0000, 0.5091,
0.0000


■ 112.4889,
142.7060, 63.8484


■ 0.0000, 0.0000,
0.0000


■ 142.2944,


178.0613, 85.6780


 176.9482,
218.8212, 111.9899


 15.0103, 22.5432,
3.5601


 15.0103, 22.5432,
3.5601


 15.0104, 22.5440,
3.5603

 15.6037, 22.8403,
4.0164

 16.2808, 23.1736,
4.7650

 17.0706, 23.5552,
5.9527

 17.9837, 23.9897,
7.6339

 19.0294, 24.4807,
9.8551

■ 20.2160, 25.0316,
12.6573

■ 21.5508, 25.6454,
16.0778

■ 23.0408, 26.3249,
20.1505

■ 24.6924, 27.0728,
24.9071

Harmonies

Analogous

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



21.3009, 22.5432, 2.2242



15.0103, 22.5432, 3.5601



11.3114, 22.5432, 9.5026

Triad

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



15.0103, 22.5432, 3.5601



15.1831, 22.5432, 79.4905



38.9398, 22.5432, 24.1866

Complementary

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



15.0103, 22.5432, 3.5601



6.1617, 2.5951, 26.5630

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.



36.2712, 22.5432, 50.4190



15.0103, 22.5432, 3.5601



21.5529, 22.5432, 91.5543

Square

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



15.0103, 22.5432, 3.5601



11.3939, 22.5432, 51.4357



29.4518, 22.5432, 78.7032



36.0925, 22.5432, 9.1744

Rectangle

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



15.0103, 22.5432, 3.5601



10.2728, 22.5432, 18.4466



29.4518, 22.5432, 78.7032



38.6526, 22.5432, 31.8598

Sweetspot

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



15.0108, 22.5442, 3.5606



37.8545, 45.1597, 27.9481



12.4639, 7.8531, 0.8591



8.4711, 10.2599, 5.8623



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.



15.0108, 22.5442, 3.5606



26.2952, 39.6685, 6.2709



10.4103, 20.1725, 3.3453



5.6743, 6.2002, 5.7871



13.0958, 19.6437, 3.1014



0.1482, 0.1997, 0.0307

Inverse Universe

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



6.1617, 2.5951, 26.5630



10.7106, 4.4958, 46.8413



12.4520, 5.8378, 26.8574



5.2817, 5.3334, 6.7798



5.3875, 2.2709, 23.1315



0.0725, 0.0325, 0.2221

Previews

White Background



This preview shows how the XYZ color 15.0103, 22.5432, 3.5601 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 15.0103, 22.5432, 3.5601 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

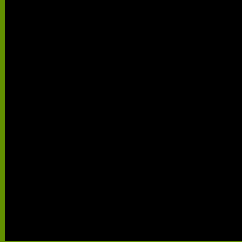
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 15.0103, 22.5432, 3.5601

Background



This preview shows how black text looks on a background with the XYZ color 15.0103, 22.5432, 3.5601.



This preview shows how white text looks on a background with the XYZ color 15.0103, 22.5432,

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

15.0103, 22.5432, 3.5601

Protanopia

20.1489, 22.4356, 3.2686

Deuteranopia

22.7271, 22.3917, 4.2228



Tritanopia

20.3180, 22.5393, 30.0677

Trichromacy



Original Color

15.0103, 22.5432, 3.5601

Protanomaly

17.8574, 22.2754, 3.3584

Deuteranomaly

19.0407, 21.8517, 3.7865

Tritanomaly

17.0837, 22.0755, 13.4858

Monochromacy



Original Color

15.0103, 22.5432, 3.5601

Achromatopsia

15.9940, 16.8269, 18.3245

Achromatomaly

14.7206, 18.3364, 9.0668

CSS Examples

Text

The CSS property to change the color of the text to XYZ 15.0103, 22.5432, 3.5601 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(98, 144, 0)` looks like.

```
.text, #text, p{  
    color:rgb(98, 144, 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(98, 144, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(98, 144, 0) }
```

Border

The CSS property to change the border of an element to XYZ 15.0103, 22.5432, 3.5601 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(98, 144, 0) }
```


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

```
.border{ border-color:rgb(98, 144, 0) }
```

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

Here you see how a box with a 4 pixel rgb(98, 144, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(98, 144, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(98, 144, 0);  
box-shadow:4px 4px 4px 4px rgb(98, 144, 0)  
}
```

Background

The CSS property to change the background color of an element to XYZ 15.0103, 22.5432, 3.5601 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(98, 144, 0) }
```

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

```
.background{ background-color: rgb(98, 144,  
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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