

Converting Colors

XYZ(15.4289, 24.5271, 3.9610)

Have a look what the booklet for
XYZ(15.4289, 24.5271, 3.9610)
contains.

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Color

**XYZ(15.4502, 24.6323,
3.9689)**

Conversions

Conversions Part 1

Format	Color
Hex	5A9801
RGB	90, 152, 1
RGB Percent	35%, 60%, 0%
CMY	0.6471, 0.4039, 0.9960
CMYK	0.41, 0.00, 0.99, 0.40
HSL	85°, 99%, 30%
HSV	85°, 99%, 60%
XYZ	15.4502, 24.6323, 3.9689
YIQ	116.2480, 11.5190, -60.1050

Conversions

Conversions Part 2

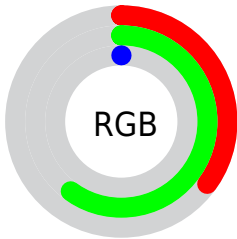
Format	Color
RYB	1, 152, 63
Decimal	5937153
CIELab	56.72, -40.55, 59.06
CIELCh	57, 71.639, 124.474
Yxy	24.6323, 0.3507, 0.5592
Android (android.graphics.Color)	4284127233 (0xFF5A9801)
YUV	116.2480, -56.8173, -23.0195
Hunter-Lab	49.6309, -31.2868, 30.0003

Details

The XYZ color **15.4502, 24.6323, 3.9689** is a dark color, and the websafe version is hex **669900**. A complement of this color would be **7.7296, 3.3463, 29.9456**, and the grayscale version is **16.8443, 17.7215, 19.2988**.

A 20% lighter version of the original color is **35.3042, 51.1916, 13.9815**, and **5.1528, 9.4214, 1.5469** is the 20% darker color. If you saturate the color by 10%, you get **15.4049, 24.6104, 3.9384**, and if you desaturate by 10%, it is **16.1733, 24.9955, 4.4708**.

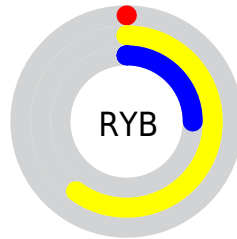
Distribution



Red (35%)

Green (60%)

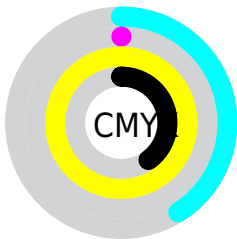
Blue (0%)



Red (0%)

Yellow (60%)

Blue (25%)

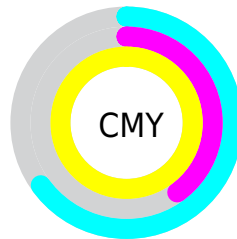


Cyan (41%)

Magenta (0%)

Yellow (99%)

Black (40%)



Cyan (65%)

Magenta (40%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 15.4502, 24.6323, 3.9689 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 15.4502, 24.6323, 3.9689 by changing the saturation by 10% instead.

■ 15.4502, 24.6323,
3.9689

■ 15.4502, 24.6323,
3.9689

219.4100,
276.0018, 147.8791

■ 9.2243, 15.8033,
1.6083

■ 35.2063, 51.0601,
13.9380

■ 4.9461, 9.3851,
0.2967

■ 49.4672, 69.4277,
22.3835

■ 2.2501, 4.9932,
0.0000

■ 67.1371, 91.7436,
33.6945

■ 0.7689, 2.2433,
0.0000

■ 88.5814, 118.3922,
48.2893


■ 0.0000, 0.7434,
0.0000


■ 114.1655,
149.7579, 66.5867


■ 0.0000, 0.0000,
0.0000


■ 144.2548,


186.2252, 89.0051


 179.2145,
228.1783, 115.9630


 15.4502, 24.6323,
3.9689


 15.4502, 24.6323,
3.9689


 15.4049, 24.6104,
3.9384

 16.1733, 24.9955,
4.4708

 17.0160, 25.4117,
5.3331

 18.0070, 25.8935,
6.6974

 19.1591, 26.4459,
8.6254

 20.4833, 27.0736,
11.1698

■ 21.9896, 27.7807,
14.3775

■ 23.6871, 28.5709,
18.2907

■ 25.5841, 29.4477,
22.9481

■ 27.6883, 30.4143,
28.3857

Harmonies

Analogous

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



22.1821, 24.6323, 2.1372



15.4502, 24.6323, 3.9689



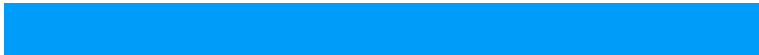
11.7080, 24.6323, 11.4862

Triad

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



15.4502, 24.6323, 3.9689



17.1534, 24.6323, 93.3802



43.3412, 24.6323, 23.3912

Complementary

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



15.4502, 24.6323, 3.9689



7.7296, 3.3463, 29.9456

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.



41.0925, 24.6323, 51.9115



15.4502, 24.6323, 3.9689



24.6871, 24.6323, 103.7278

Square

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



15.4502, 24.6323, 3.9689



12.5149, 24.6323, 62.1698



33.7256, 24.6323, 85.3810



39.2971, 24.6323, 8.3058

Rectangle

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



15.4502, 24.6323, 3.9689



10.7927, 24.6323, 22.6322



33.7256, 24.6323, 85.3810



43.3025, 24.6323, 31.4958

Sweetspot

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



15.4508, 24.6334, 3.9694



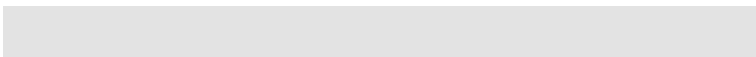
41.4150, 50.2458, 31.3502



14.6456, 10.0592, 1.1988



9.1435, 11.2949, 6.4964



72.9764, 76.7769, 83.6100



11.9732, 12.5967, 13.7178

Same Dimension

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



15.4508, 24.6334, 3.9694



26.9844, 43.3319, 6.9417



11.4499, 22.5708, 3.7822



6.4635, 7.0964, 6.6349



12.9518, 20.6528, 3.3038



0.2348, 0.3300, 0.0513

Inverse Universe

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



7.7296, 3.3463, 29.9456



13.3653, 5.7345, 52.8361



15.9795, 7.5993, 30.3317



6.1127, 6.1440, 7.7927



6.4734, 2.7882, 25.1047



0.1366, 0.0622, 0.3772

Previews

White Background



This preview shows how the XYZ color 15.4502, 24.6323, 3.9689 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 15.4502, 24.6323, 3.9689 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

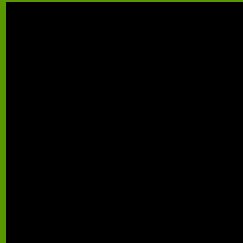
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 15.4502, 24.6323, 3.9689

Background



This preview shows how black text looks on a background with the XYZ color 15.4502, 24.6323, 3.9689.



This preview shows how white text looks on a background with the XYZ color 15.4502, 24.6323,

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

15.4502, 24.6323, 3.9689

Protanopia

21.9410, 24.3806, 3.5495

Deuteranopia

24.8792, 24.4522, 4.6368



Tritanopia

21.3381, 24.4755, 33.7366

Trichromacy



Original Color

15.4502, 24.6323, 3.9689

Protanomaly

18.8789, 24.0918, 3.6552

Deuteranomaly

20.2185, 23.6891, 4.1229

Tritanomaly

17.6968, 23.8993, 15.2356

Monochromacy



Original Color

15.4502, 24.6323, 3.9689

Achromatopsia

16.6002, 17.4647, 19.0191

Achromatomaly

15.1497, 19.3207, 9.4094

CSS Examples

Text

The CSS property to change the color of the text to XYZ 15.4502, 24.6323, 3.9689 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(90, 152, 1)` looks like.

```
.text, #text, p{  
    color:rgb(90, 152, 1)  
}
```

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(90, 152, 1) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(90, 152, 1) }
```

Border

The CSS property to change the border of an element to XYZ 15.4502, 24.6323, 3.9689 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(90, 152, 1) }
```


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

```
.border{ border-color:rgb(90, 152, 1) }
```

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

Here you see how a box with a 4 pixel `rgb(90, 152, 1)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(90, 152, 1); -webkit-box-  
shadow:4px 4px 4px 4px rgb(90, 152, 1);  
box-shadow:4px 4px 4px 4px rgb(90, 152, 1)  
}
```

Background

The CSS property to change the background color of an element to XYZ 15.4502, 24.6323, 3.9689 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(90, 152, 1) }
```

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

```
.background{ background-color: rgb(90, 152,  
1) }
```

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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