

Converting Colors

XYZ(9.8213, 15.2895, 2.4335)

Have a look what the booklet for
XYZ(9.8213, 15.2895, 2.4335)
contains.

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Color

**XYZ(9.7390, 15.1706,
2.4149)**

Conversions

Conversions Part 1

Format	Color
Hex	4B7900
RGB	75, 121, 0
RGB Percent	29%, 47%, 0%
CMY	0.7059, 0.5255, 1.0000
CMYK	0.38, 0.00, 1.00, 0.53
HSL	83°, 100%, 24%
HSV	83°, 100%, 47%
XYZ	9.7390, 15.1706, 2.4149
YIQ	93.4520, 11.4250, -47.3830

Conversions

Conversions Part 2

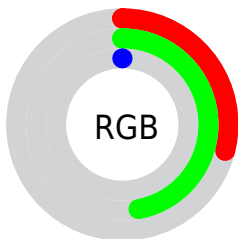
Format	Color
RYB	0, 121, 46
Decimal	4946176
CIELab	45.87, -32.70, 50.47
CIELCh	46, 60.140, 122.935
Yxy	15.1706, 0.3564, 0.5552
Android (android.graphics.Color)	4283136256 (0xFF4B7900)
YUV	93.4520, -46.0718, -16.1824
Hunter-Lab	38.9495, -23.5290, 23.5886

Details

The XYZ color **9.7390, 15.1706, 2.4149** is a dark color, and the websafe version is hex **336600**. A complement of this color would be **4.5786, 1.9618, 18.2274**, and the grayscale version is **10.6137, 11.1665, 12.1603**.

A 20% lighter version of the original color is **25.0865, 35.2981, 10.1936**, and **2.6059, 4.7835, 0.7860** is the 20% darker color. If you saturate the color by 10%, you get **9.7391, 15.1711, 2.4150**, and if you desaturate by 10%, it is **10.1793, 15.3903, 2.7854**.

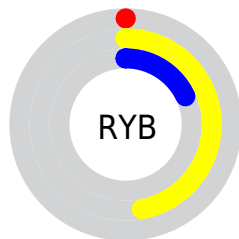
Distribution



Red (29%)

Green (47%)

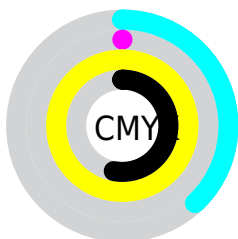
Blue (0%)



Red (0%)

Yellow (47%)

Blue (18%)

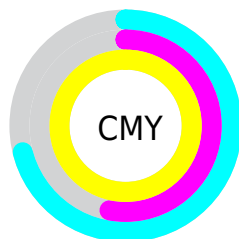


Cyan (38%)

Magenta (0%)

Yellow (100%)

Black (53%)



Cyan (71%)

Magenta (53%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 9.7390, 15.1706, 2.4149 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 9.7390, 15.1706, 2.4149 by changing the saturation by 10% instead.

■ 9.7390, 15.1706,
2.4149

■ 9.7390, 15.1706,
2.4149

182.8918,
224.3965, 128.5190

■ 5.2872, 8.9392,
0.7945

■ 24.9576, 35.1522,
10.1469

■ 2.4532, 4.7015,
0.0000

■ 36.4550, 49.6712,
17.1054

■ 0.8717, 2.0732,
0.0000

■ 51.0318, 67.7215,
26.6835

■ 0.0000, 0.6495,
0.0000

■ 69.0531, 89.6875,
39.3000


■ 0.0000, 0.0000,
0.0000


■ 90.8844, 115.9536,
55.3732


■ 116.8911,


146.9042, 75.3217


 147.4384,
182.9237, 99.5641


 9.7390, 15.1706,
2.4149


 9.7390, 15.1706,
2.4149


 9.7391, 15.1711,
2.4150

 10.1793, 15.3903,
2.7854

 10.6789, 15.6363,
3.3308

 11.2616, 15.9187,
4.1729

 11.9347, 16.2404,
5.3463

 12.7041, 16.6039,
6.8810

■ 13.5754, 17.0114,
8.8035

■ 14.5538, 17.4651,
11.1378

■ 15.6437, 17.9668,
13.9061

■ 16.8495, 18.5184,
17.1288

Harmonies

Analogous

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



13.9255, 15.1706, 1.3778



9.7390, 15.1706, 2.4149



7.3598, 15.1706, 6.7880

Triad

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



9.7390, 15.1706, 2.4149



10.4202, 15.1706, 55.9796



26.5211, 15.1706, 15.1287

Complementary

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



9.7390, 15.1706, 2.4149



4.5786, 1.9618, 18.2274

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.



24.9679, 15.1706, 32.7709



9.7390, 15.1706, 2.4149



14.9244, 15.1706, 63.0810

Square

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



9.7390, 15.1706, 2.4149



7.6834, 15.1706, 36.8404



20.4001, 15.1706, 52.8139



24.2546, 15.1706, 5.5086

Rectangle

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



9.7390, 15.1706, 2.4149



6.7428, 15.1706, 13.3144



20.4001, 15.1706, 52.8139



26.4292, 15.1706, 20.1986

Sweetspot

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



9.7393, 15.1713, 2.4152



25.9215, 31.2095, 19.6017



8.8002, 5.8944, 0.6741



5.7881, 7.0718, 4.1449



59.0181, 62.0916, 67.6177



7.4413, 7.8288, 8.5256

Same Dimension

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



9.7393, 15.1713, 2.4152



17.2798, 27.0839, 4.3170



7.0538, 13.7868, 2.2895



4.1671, 4.5614, 4.2853



10.4237, 16.2509, 2.5873



48.7527, 77.0184, 12.2965

Inverse Universe

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



4.5786, 1.9618, 18.2274



8.0503, 3.4362, 32.6318



9.2619, 4.3761, 18.4466



3.9283, 3.9609, 5.0007



4.8943, 2.0958, 19.5319



22.4642, 9.5427, 93.1277

Previews

White Background



This preview shows how the XYZ color 9.7390, 15.1706, 2.4149 looks on a white background.

Color Contrast Check

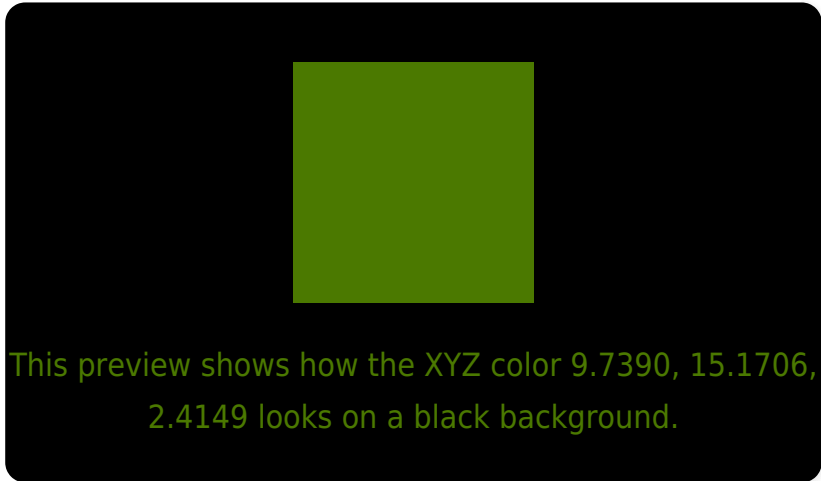
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black 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

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

XYZ 9.7390, 15.1706, 2.4149

Background



This preview shows how black text looks on a background with the XYZ color 9.7390, 15.1706, 2.4149.



This preview shows how white text looks on a background with the XYZ color 9.7390, 15.1706,

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

9.7390, 15.1706, 2.4149

Protanopia

13.4947, 15.0749, 2.1985

Deuteranopia

15.1685, 15.0007, 2.9601



Tritanopia

13.2699, 15.0435, 20.2935

Trichromacy



Original Color

9.7390, 15.1706, 2.4149

Protanomaly

11.7308, 14.8135, 2.2410

Deuteranomaly

12.6016, 14.7638, 2.6375

Tritanomaly

11.0376, 14.6363, 9.2645

Monochromacy



Original Color

9.7390, 15.1706, 2.4149

Achromatopsia

10.4043, 10.9462, 11.9204

Achromatomaly

9.4774, 11.9947, 5.9534

CSS Examples

Text

The CSS property to change the color of the text to XYZ 9.7390, 15.1706, 2.4149 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(75, 121, 0)` looks like.

```
.text, #text, p{  
    color:rgb(75, 121, 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(75, 121, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(75, 121, 0) }
```

Border

The CSS property to change the border of an element to XYZ 9.7390, 15.1706, 2.4149 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(75, 121, 0) }
```


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

```
.border{ border-color:rgb(75, 121, 0) }
```

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

Here you see how a box with a 4 pixel rgb(75, 121, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(75, 121, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(75, 121, 0);  
box-shadow:4px 4px 4px 4px rgb(75, 121, 0)  
}
```

Background

The CSS property to change the background color of an element to XYZ 9.7390, 15.1706, 2.4149 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(75, 121, 0) }
```

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

```
.background{ background-color: rgb(75, 121,  
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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