

Converting Colors

XYZ(15.1100, 24.6996, 3.9711)

Have a look what the booklet for
XYZ(15.1100, 24.6996, 3.9711)
contains.

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Color

**XYZ(15.1375, 24.7138,
3.9724)**

Conversions

Conversions Part 1

Format	Color
Hex	559900
RGB	85, 153, 0
RGB Percent	33%, 60%, 0%
CMY	0.6667, 0.4000, 1.0000
CMYK	0.44, 0.00, 1.00, 0.40
HSL	87°, 100%, 30%
HSV	87°, 100%, 60%
XYZ	15.1375, 24.7138, 3.9724
YIQ	115.2260, 8.5850, -61.9990

Conversions

Conversions Part 2

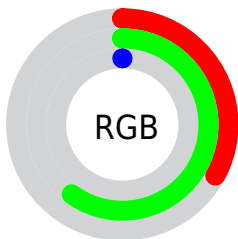
Format	Color
RYB	0, 153, 68
Decimal	5609728
CIELab	56.80, -42.75, 59.18
CIELCh	57, 73.003, 125.844
Yxy	24.7138, 0.3454, 0.5639
Android (android.graphics.Color)	4283799808 (0xFF559900)
YUV	115.2260, -56.8064, -26.5082
Hunter-Lab	49.7130, -32.6448, 30.0614

Details

The XYZ color **15.1375, 24.7138, 3.9724** is a dark color, and the websafe version is hex **669900**. A complement of this color would be **8.1353, 3.5298, 30.3911**, and the grayscale version is **16.5308, 17.3917, 18.9395**.

A 20% lighter version of the original color is **34.6777, 51.2294, 14.0218**, and **5.0304, 9.5016, 1.5689** is the 20% darker color. If you saturate the color by 10%, you get **15.1375, 24.7146, 3.9726**, and if you desaturate by 10%, it is **15.8739, 25.0840, 4.4688**.

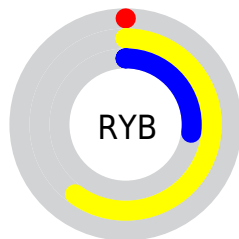
Distribution



Red (33%)

Green (60%)

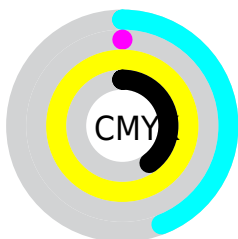
Blue (0%)



Red (0%)

Yellow (60%)

Blue (27%)

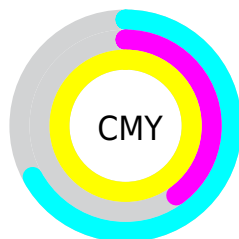


Cyan (44%)

Magenta (0%)

Yellow (100%)

Black (40%)



Cyan (67%)


Magenta (40%)


Yellow (100%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 15.1375, 24.7138, 3.9724 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 15.1375, 24.7138, 3.9724 by changing the saturation by 10% instead.


 15.1375, 24.7138,
3.9724


 15.1375, 24.7138,
3.9724


217.5689,
276.4096, 147.9181


 9.0029, 15.8640,
1.6102


 34.6639, 51.1925,
13.9461


 4.8002, 9.4279,
0.2981


 48.7864, 69.5902,
22.3946

 2.1641, 5.0213,
0.0000

 66.3022, 91.9393,
33.7090

 0.7237, 2.2598,
0.0000

 87.5767, 118.6242,
48.3079


 0.0000, 0.7523,
0.0000


 112.9753,
150.0293, 66.6096


 0.0000, 0.0000,
0.0000


 142.8633,


186.5390, 89.0329


 177.6060,
228.5376, 115.9962


 15.1375, 24.7138,
3.9724


 15.1375, 24.7138,
3.9724


 15.1375, 24.7146,
3.9726

 15.8739, 25.0840,
4.4688

 16.7361, 25.5107,
5.3117

 17.7562, 26.0078,
6.6600

 18.9478, 26.5809,
8.5771

 20.3225, 27.2348,
11.1173

■ 21.8909, 27.9739,
14.3284

■ 23.6624, 28.8021,
18.2538

■ 25.6460, 29.7231,
22.9329

■ 27.8497, 30.7404,
28.4025

Harmonies

Analogous

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



21.8595, 24.7138, 2.0133



15.1375, 24.7138, 3.9724



11.4810, 24.7138, 11.9049

Triad

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



15.1375, 24.7138, 3.9724



17.3990, 24.7138, 96.5130



43.8661, 24.7138, 22.4055

Complementary

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



15.1375, 24.7138, 3.9724



8.1353, 3.5298, 30.3911

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.



41.8499, 24.7138, 51.0605



15.1375, 24.7138, 3.9724



25.1990, 24.7138, 105.8615

Square

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



15.1375, 24.7138, 3.9724



12.5484, 24.7138, 64.8339



34.4580, 24.7138, 85.7381



39.4441, 24.7138, 7.7150

Rectangle

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



15.1375, 24.7138, 3.9724



10.6385, 24.7138, 23.6478



34.4580, 24.7138, 85.7381



43.9300, 24.7138, 30.4573

Sweetspot

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



15.1381, 24.7149, 3.9729



42.1735, 51.4850, 32.2291



15.1039, 10.7052, 1.2706



9.0348, 11.2388, 6.4913



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.



15.1381, 24.7149, 3.9729



26.8918, 44.1473, 7.1039



11.5197, 22.8495, 3.8036



6.4438, 7.0862, 6.6340



12.5491, 20.4452, 3.2849



0.2294, 0.3272, 0.0511

Inverse Universe

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



8.1353, 3.5298, 30.3911



14.3607, 6.2137, 54.4144



17.0440, 8.1225, 30.8080



6.1321, 6.1540, 7.7936



6.7602, 2.9360, 25.1181



0.1420, 0.0650, 0.3774

Previews

White Background



This preview shows how the XYZ color 15.1375, 24.7138, 3.9724 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 15.1375, 24.7138, 3.9724 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 15.1375, 24.7138, 3.9724

Background



This preview shows how black text looks on a background with the XYZ color 15.1375, 24.7138, 3.9724.



This preview shows how white text looks on a background with the XYZ color 15.1375, 24.7138,

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

15.1375, 24.7138, 3.9724

Protanopia

21.9410, 24.3806, 3.5495

Deuteranopia

24.8922, 24.4574, 4.7051



Tritanopia

21.2147, 24.6222, 34.2063

Trichromacy



Original Color

15.1375, 24.7138, 3.9724

Protanomaly

18.5751, 23.9352, 3.6409

Deuteranomaly

20.0300, 23.8029, 4.2006

Tritanomaly

17.4133, 23.9810, 15.2663

Monochromacy



Original Color

15.1375, 24.7138, 3.9724

Achromatopsia

16.2955, 17.1441, 18.6699

Achromatomaly

14.7618, 19.1246, 9.2167

CSS Examples

Text

The CSS property to change the color of the text to XYZ 15.1375, 24.7138, 3.9724 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(85, 153, 0)` looks like.

```
.text, #text, p{  
    color:rgb(85, 153, 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(85, 153, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(85, 153, 0) }
```

Border

The CSS property to change the border of an element to XYZ 15.1375, 24.7138, 3.9724 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(85, 153, 0) }
```


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

```
.border{ border-color:rgb(85, 153, 0) }
```

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

Here you see how a box with a 4 pixel rgb(85, 153, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(85, 153, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(85, 153, 0);  
box-shadow:4px 4px 4px 4px rgb(85, 153, 0)  
}
```

Background

The CSS property to change the background color of an element to XYZ 15.1375, 24.7138, 3.9724 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(85, 153, 0) }
```

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

```
.background{ background-color: rgb(85, 153,  
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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