

Converting Colors

XYZ(15.0713, 10.6411, 1.2596)

Have a look what the booklet for
XYZ(15.0713, 10.6411, 1.2596)
contains.

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Color

**XYZ(15.0851, 10.6687,
1.2642)**

Conversions

Conversions Part 1

Format	Color
Hex	994200
RGB	153, 66, 0
RGB Percent	60%, 26%, 0%
CMY	0.4000, 0.7412, 1.0000
CMYK	0.00, 0.57, 1.00, 0.40
HSL	26°, 100%, 30%
HSV	26°, 100%, 60%
XYZ	15.0851, 10.6687, 1.2642
YIQ	84.4890, 73.0380, -2.0820

Conversions

Conversions Part 2

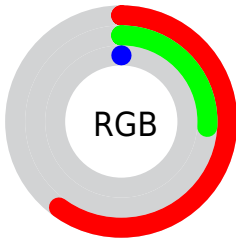
Format	Color
R_{YB}	153, 116, 0
Decimal	10043904
CIE _{Lab}	39.02, 33.57, 49.57
CIE _{LCh}	39, 59.867, 55.892
Yxy	10.6687, 0.5583, 0.3949
Android (android.graphics.Color)	4288233984 (0xFF994200)
YUV	84.4890, -41.6531, 60.0841
Hunter-Lab	32.6630, 25.2784, 20.5693

Details

The XYZ color **15.0851, 10.6687, 1.2642** is a dark color, and the websafe version is hex **993300**. A complement of this color would be **9.1578, 9.1159, 31.4137**, and the grayscale version is **8.6017, 9.0497, 9.8551**.

A 20% lighter version of the original color is **34.6428, 27.0533, 6.8860**, and **4.8014, 2.7503, 0.2778** is the 20% darker color. If you saturate the color by 10%, you get **15.0852, 10.6691, 1.2643**, and if you desaturate by 10%, it is **15.7213, 11.7998, 1.9123**.

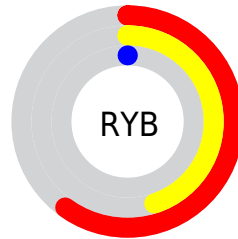
Distribution



Red (60%)

Green (26%)

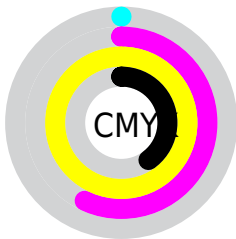
Blue (0%)



Red (60%)

Yellow (45%)

Blue (0%)

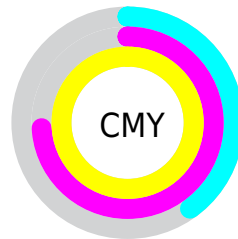


Cyan (0%)

Magenta (57%)

Yellow (100%)

Black (40%)



Cyan (40%)


Magenta (74%)


Yellow (100%)


Brightness & Saturation Gradients


These gradients show how the XYZ color 15.0851, 10.6687, 1.2642 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 15.0851, 10.6687, 1.2642 by changing the saturation by 10% instead.


 15.0851, 10.6687,
1.2642


 15.0851, 10.6687,
1.2642


 217.2589,
195.3803, 109.6365


 8.9658, 5.8445,
0.0322


 34.5728, 27.0459,
6.9087


 4.7758, 2.7508,
0.0000

 48.6720, 39.3677,
12.4264


 2.1497, 1.0030,
0.0000

 66.1619, 54.9575,
20.2991

 0.7160, 0.0000,
0.0000


 87.4078, 74.1997,
30.9454


 0.0000, 0.0000,
0.0000


 112.7751, 97.4787,
44.7837


 142.6291,


125.1788, 62.2326


 177.3353,
157.6846, 83.7107


 15.0851, 10.6687,
1.2642


 15.0851, 10.6687,
1.2642


 15.0852, 10.6691,
1.2643

 15.7213, 11.7998,
1.9123

 16.5032, 13.1177,
2.9312

 17.4642, 14.6411,
4.4803

 18.6192, 16.3806,
6.6240

 19.9813, 18.3460,
9.4175

■ 21.5623, 20.5462,
12.9094

■ 23.3728, 22.9895,
17.1438

■ 25.4229, 25.6838,
22.1609

■ 27.7217, 28.6367,
27.9983

Harmonies

Analogous

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



18.7370, 10.6687, 4.4157



15.0851, 10.6687, 1.2642



10.7004, 10.6687, 0.5284

Triad

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



15.0851, 10.6687, 1.2642



4.2472, 10.6687, 10.1111



13.8772, 10.6687, 44.7632

Complementary

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



15.0851, 10.6687, 1.2642



9.1578, 9.1159, 31.4137

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.



9.6001, 10.6687, 50.2620



15.0851, 10.6687, 1.2642



4.6817, 10.6687, 24.1111

Square

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



15.0851, 10.6687, 1.2642



5.0181, 10.6687, 3.1330



6.4147, 10.6687, 41.0014



17.9208, 10.6687, 28.8294

Rectangle

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



15.0851, 10.6687, 1.2642



8.1793, 10.6687, 0.6776



6.4147, 10.6687, 41.0014



12.3920, 10.6687, 48.2084

Sweetspot

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



15.0853, 10.6693, 1.2644



41.6537, 40.8992, 30.2133



14.9506, 7.4978, 10.1658



8.9130, 8.6496, 5.9979



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.



15.0853, 10.6693, 1.2644



26.8389, 18.7529, 2.2051



22.5515, 25.6016, 3.7531



6.4170, 6.6390, 6.5491



12.4997, 8.8819, 1.0556



0.2220, 0.2031, 0.0275

Inverse Universe

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



9.1578, 9.1159, 31.4137



16.2130, 15.9504, 56.1962



5.8906, 2.5815, 30.3246



6.1613, 6.5799, 7.8743



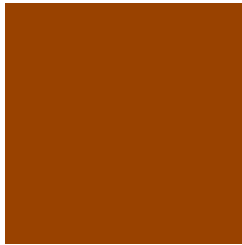
7.6022, 7.6011, 25.9742



0.1497, 0.1858, 0.4003

Previews

White Background



This preview shows how the XYZ color 15.0851, 10.6687, 1.2642 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



This preview shows how the XYZ color 15.0851, 10.6687, 1.2642 looks on a 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 15.0851, 10.6687, 1.2642

Background



This preview shows how black text looks on a background with the XYZ color 15.0851, 10.6687, 1.2642.



This preview shows how white text looks on a background with the XYZ color 15.0851, 10.6687,

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

15.0851, 10.6687, 1.2642

Protanopia

9.8263, 10.8664, 2.0315

Tritanopia

16.1404, 10.6877, 6.2133

Trichromacy



Original Color

15.0851, 10.6687, 1.2642

Protanomaly

11.1741, 10.3460, 1.6952

Tritanomaly

15.5042, 10.5851, 3.3238

Monochromacy



Original Color

15.0851, 10.6687, 1.2642

Achromatopsia

8.4267, 8.8656, 9.6546

Achromatomaly

9.6032, 8.8160, 4.5637

CSS Examples

Text

The CSS property to change the color of the text to XYZ 15.0851, 10.6687, 1.2642 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(153, 66, 0)` looks like.

```
.text, #text, p{  
    color:rgb(153, 66, 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(153, 66, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(153, 66, 0) }
```

Border

The CSS property to change the border of an element to XYZ 15.0851, 10.6687, 1.2642 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(153, 66, 0) }
```

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

```
.border{ border-color:rgb(153, 66, 0) }
```

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

Here you see how a box with a 4 pixel rgb(153, 66, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(153, 66, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(153, 66, 0);  
box-shadow:4px 4px 4px 4px rgb(153, 66, 0)  
}
```


Background

The CSS property to change the background color of an element to XYZ 15.0851, 10.6687, 1.2642 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(153, 66, 0) }
```

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

```
.background{ background-color: rgb(153, 66,  
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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