

Converting Colors

XYZ(15.9688, 14.9771, 7.1635)

Have a look what the booklet for
XYZ(15.9688, 14.9771, 7.1635)
contains.

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Color

**XYZ(15.9536, 15.0191,
7.2124)**

Conversions

Conversions Part 1

Format	Color
Hex	896542
RGB	137, 101, 66
RGB Percent	54%, 40%, 26%
CMY	0.4627, 0.6039, 0.7412
CMYK	0.00, 0.26, 0.52, 0.46
HSL	30°, 35%, 40%
HSV	30°, 52%, 54%
XYZ	15.9536, 15.0191, 7.2124
YIQ	107.7740, 32.6910, -3.2530

Conversions

Conversions Part 2

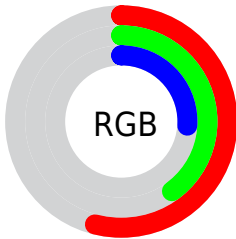
Format	Color
R_{YB}	137, 135, 66
Decimal	9004354
CIE _{Lab}	45.66, 10.03, 25.39
CIE _{LCh}	46, 27.299, 68.438
Yxy	15.0191, 0.4178, 0.3933
Android (android.graphics.Color)	4287194434 (0xFF896542)
YUV	107.7740, -20.5946, 25.6312
Hunter-Lab	38.7545, 5.6606, 16.0940

Details

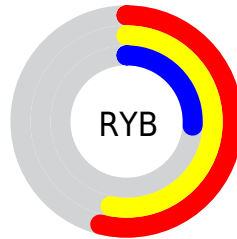
The XYZ color **15.9536, 15.0191, 7.2124** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **11.5133, 12.4666, 25.4663**, and the grayscale version is **14.2403, 14.9819, 16.3153**.

A 20% lighter version of the original color is **36.0610, 34.9007, 21.0556**, and **5.2103, 4.6276, 1.3777** is the 20% darker color. If you saturate the color by 10%, you get **14.9510, 13.5847, 5.1186**, and if you desaturate by 10%, it is **17.1107, 16.6077, 9.8354**.

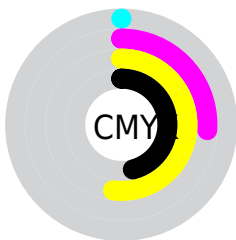
Distribution



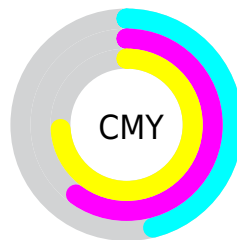
- Red (54%)
- Green (40%)
- Blue (26%)



- Red (54%)
- Yellow (53%)
- Blue (26%)



- Cyan (0%)
- Magenta (26%)
- Yellow (52%)
- Black (46%)





- Cyan (46%)
- Magenta (60%)
- Yellow (74%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 15.9536, 15.0191, 7.2124 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 15.9536, 15.0191, 7.2124 by changing the saturation by 10% instead.


 15.9536, 15.0191,
7.2124


 15.9536, 15.0191,
7.2124

222.3435,
223.4818, 179.1144


 9.5820, 8.8328,
3.5148


 36.0757, 34.8867,
20.9193


 5.1828, 4.6323,
1.3631

 50.5569, 49.3367,
31.7658

 2.3908, 2.0332,
0.1127

 68.4720, 67.3102,
45.8323

 0.8405, 0.6266,
0.0000

 90.1864, 89.1914,
63.5374

 0.0000, 0.0000,
0.0000

 116.0654,
115.3648, 85.2996

 146.4743,

146.2147, 111.5375

181.7786,
182.1256, 142.6696

■ 15.9536, 15.0191,
7.2124

■ 15.9536, 15.0191,
7.2124

■ 14.9510, 13.5847,
5.1186

■ 17.1107, 16.6077,
9.8354

■ 14.0934, 12.2968,
3.5157

■ 18.4289, 18.3535,
13.0206

■ 13.3718, 11.1498,
2.3615

■ 19.9157, 20.2622,
16.7992

■ 12.7751, 10.1371,
1.6061

■ 21.5778, 22.3385,
21.1998

■ 12.3560, 9.3974,
1.1626

■ 23.4212, 24.5868,
26.2492

■ 25.4521, 27.0115,
31.9728

■ 27.6759, 29.6166,
38.3942

■ 30.0980, 32.4060,
45.5363

■ 32.7236, 35.3837,
53.4207

Harmonies

Analogous

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



18.0053, 15.0191, 9.7054



15.9536, 15.0191, 7.2124



13.6394, 15.0191, 6.7891

Triad

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



15.9536, 15.0191, 7.2124



10.3512, 15.0191, 18.2722



17.1881, 15.0191, 28.3386

Complementary

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



15.9536, 15.0191, 7.2124



11.5133, 12.4666, 25.4663

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.



14.9304, 15.0191, 32.2478



15.9536, 15.0191, 7.2124



11.0995, 15.0191, 25.5014

Square

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



15.9536, 15.0191, 7.2124



10.5626, 15.0191, 12.1466



12.7189, 15.0191, 31.0900



18.7693, 15.0191, 21.4337

Rectangle

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



15.9536, 15.0191, 7.2124



12.2813, 15.0191, 7.5887



12.7189, 15.0191, 31.0900



16.4740, 15.0191, 30.1204

Sweetspot

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



15.9540, 15.0198, 7.2127



37.2543, 38.2825, 34.2546



14.6971, 10.1879, 13.9408



8.2398, 8.4413, 7.3761



65.7814, 69.2071, 75.3665



9.5508, 10.0482, 10.9424

Same Dimension

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



15.9540, 15.0198, 7.2127



26.5209, 23.9548, 8.6676



20.0783, 23.2684, 8.5875



5.2231, 5.4291, 5.3250



11.5216, 8.7775, 1.0870



0.0911, 0.0875, 0.0121

Inverse Universe

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



11.5133, 12.4666, 25.4663



17.6583, 18.8574, 45.0923



8.7803, 7.0007, 24.5554



4.9705, 5.2839, 6.3638



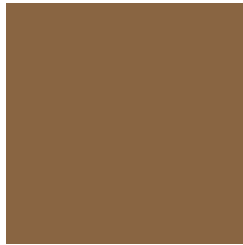
6.2268, 5.7238, 22.8223



0.0560, 0.0673, 0.1565

Previews

White Background



This preview shows how the XYZ color 15.9536, 15.0191, 7.2124 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 15.9536, 15.0191, 7.2124 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 15.9536, 15.0191, 7.2124

Background



This preview shows how black text looks on a background with the XYZ color 15.9536, 15.0191, 7.2124.



This preview shows how white text looks on a background with the XYZ color 15.9536, 15.0191,

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

15.9536, 15.0191, 7.2124

Protanopia

13.9080, 15.0063, 7.7937

Deuteranopia

15.1645, 14.9074, 7.0792



Tritanopia

17.4968, 14.9407, 15.0584

Trichromacy



Original Color

15.9536, 15.0191, 7.2124

Protanomaly

14.5524, 14.8805, 7.5741

Deuteranomaly

15.3784, 14.8709, 7.0609

Tritanomaly

16.8606, 14.9625, 11.6723

Monochromacy



Original Color

15.9536, 15.0191, 7.2124

Achromatopsia

14.2537, 14.9960, 16.3306

Achromatomaly

14.6351, 14.8154, 12.4442

CSS Examples

Text

The CSS property to change the color of the text to XYZ 15.9536, 15.0191, 7.2124 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(137, 101, 66)` looks like.

```
.text, #text, p{  
    color:rgb(137, 101, 66)  
}
```

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(137, 101, 66) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(137, 101, 66) }
```

Border

The CSS property to change the border of an element to XYZ 15.9536, 15.0191, 7.2124 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(137, 101, 66) }
```


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

```
.border{ border-color:rgb(137, 101, 66) }
```

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

Here you see how a box with a 4 pixel `rgb(137, 101, 66)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(137, 101, 66); -webkit-box-  
shadow:4px 4px 4px 4px rgb(137, 101, 66);  
box-shadow:4px 4px 4px 4px rgb(137, 101,  
66) }
```

Background

The CSS property to change the background color of an element to XYZ 15.9536, 15.0191, 7.2124 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(137, 101, 66) }
```

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

```
.background{ background-color: rgb(137,  
101, 66) }
```

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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