

Converting Colors

XYZ(18.1949, 15.4765, 7.0707)

Have a look what the booklet for
XYZ(18.1949, 15.4765, 7.0707)
contains.

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Color

**XYZ(18.2739, 15.5197,
7.0335)**

Conversions

Conversions Part 1

Format	Color
Hex	996041
RGB	153, 96, 65
RGB Percent	60%, 38%, 25%
CMY	0.4000, 0.6235, 0.7451
CMYK	0.00, 0.37, 0.58, 0.40
HSL	21°, 40%, 43%
HSV	21°, 58%, 60%
XYZ	18.2739, 15.5197, 7.0335
YIQ	109.5090, 43.9230, 2.4430

Conversions

Conversions Part 2

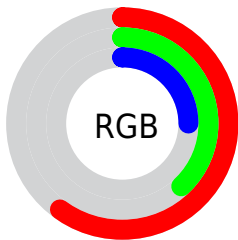
Format	Color
R_{YB}	153, 113, 65
Decimal	10051649
CIE Lab	46.34, 19.88, 27.23
CIE LCh	46, 33.718, 53.865
Yxy	15.5197, 0.4476, 0.3801
Android (android.graphics.Color)	4288241729 (0xFF996041)
YUV	109.5090, -21.9429, 38.1416
Hunter-Lab	39.3951, 13.8582, 16.9910

Details

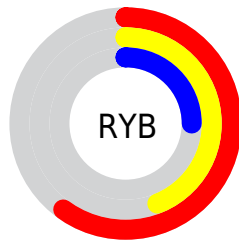
The XYZ color **18.2739, 15.5197, 7.0335** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **14.8889, 17.3420, 32.6995**, and the grayscale version is **14.7328, 15.5001, 16.8796**.

A 20% lighter version of the original color is **39.9927, 35.7613, 20.4176**, and **6.2707, 4.8474, 1.3146** is the 20% darker color. If you saturate the color by 10%, you get **17.0415, 13.6707, 4.7244**, and if you desaturate by 10%, it is **19.7411, 17.6463, 10.0135**.

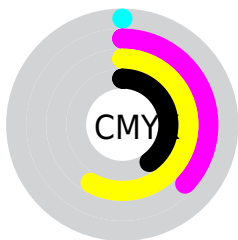
Distribution



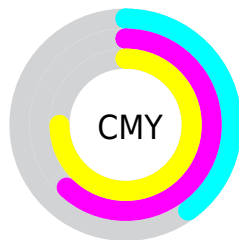
- Red (60%)
- Green (38%)
- Blue (25%)



- Red (60%)
- Yellow (44%)
- Blue (25%)



- Cyan (0%)
- Magenta (37%)
- Yellow (58%)
- Black (40%)





- Cyan (40%)
- Magenta (62%)
- Yellow (75%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 18.2739, 15.5197, 7.0335 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 18.2739, 15.5197, 7.0335 by changing the saturation by 10% instead.


 18.2739, 15.5197,
7.0335


 18.2739, 15.5197,
7.0335


235.4262,
226.4906, 177.5833


 11.2477, 9.1849,
3.4043


 40.0299, 35.7623,
20.5546


 6.3022, 4.8620,
1.3046


 55.4905, 50.4390,
31.2836

 3.0721, 2.1665,
0.0655

 74.4931, 68.6651,
45.2162

 1.1920, 0.7016,
0.0000

 97.4033, 90.8250,
62.7710

 0.1000, 0.0000,
0.0000

 124.5864,
117.3031, 84.3666

 0.0000, 0.0000,
0.0000

 156.4076,

148.4838, 110.4215

193.2325,
184.7515, 141.3542

■ 18.2739, 15.5197,
7.0335

■ 18.2739, 15.5197,
7.0335

■ 17.0415, 13.6707,
4.7244

■ 19.7411, 17.6463,
10.0135

■ 16.0286, 12.0845,
3.0316

■ 21.4549, 20.0596,
13.7114

■ 15.2196, 10.7484,
1.8931

■ 23.4274, 22.7713,
18.1709

■ 14.5896, 9.6446,
1.2018

■ 25.6696, 25.7917,
23.4321

■ 14.4515, 9.4017,
1.0530

■ 28.1919, 29.1303,
29.5321

■ 31.0040, 32.7965,
36.5056

■ 34.1152, 36.7992,
44.3855

■ 37.5342, 41.1468,
53.2030

■ 41.2696, 45.8476,
62.9876

Harmonies

Analogous

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



20.4344, 15.5197, 11.2461



18.2739, 15.5197, 7.0335



15.3525, 15.5197, 5.5051

Triad

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



18.2739, 15.5197, 7.0335



9.8899, 15.5197, 15.2550



17.1137, 15.5197, 36.0137

Complementary

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



18.2739, 15.5197, 7.0335



14.8889, 17.3420, 32.6995

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.



14.1655, 15.5197, 38.1558



18.2739, 15.5197, 7.0335



10.2332, 15.5197, 24.1839

Square

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



18.2739, 15.5197, 7.0335



10.7053, 15.5197, 9.1480



11.7127, 15.5197, 33.2716



19.7057, 15.5197, 28.1184

Rectangle

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



18.2739, 15.5197, 7.0335



13.4599, 15.5197, 5.6833



11.7127, 15.5197, 33.2716



16.1221, 15.5197, 37.5187

Sweetspot

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



18.2743, 15.5205, 7.0338



46.0482, 46.2924, 42.1472



18.5525, 11.9631, 19.8088



9.9999, 9.9973, 8.9071



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.



18.2743, 15.5205, 7.0338



29.9639, 23.6267, 7.4897



23.4399, 25.8517, 8.7557



6.3780, 6.5610, 6.5361



11.9730, 7.8284, 0.8800



0.2111, 0.1812, 0.0238

Inverse Universe

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



14.8889, 17.3420, 32.6995



23.2565, 27.1201, 57.9809



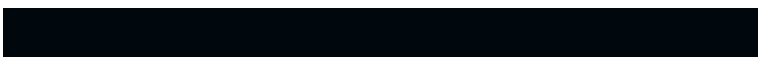
10.6685, 8.9011, 31.2927



6.2013, 6.6600, 7.8876



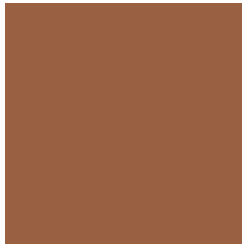
8.4793, 9.3553, 26.2666



0.1607, 0.2077, 0.4040

Previews

White Background



This preview shows how the XYZ color 18.2739, 15.5197, 7.0335 looks on a white background.

Color Contrast Check

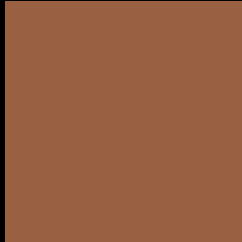
Large Text (above 18pt) WCAG AA ✓ Pass

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 18.2739, 15.5197, 7.0335 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

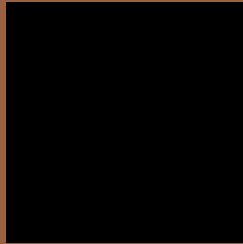
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 18.2739, 15.5197, 7.0335

Background



This preview shows how black text looks on a background with the XYZ color 18.2739, 15.5197, 7.0335.



This preview shows how white text looks on a background with the XYZ color 18.2739, 15.5197,

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

18.2739, 15.5197, 7.0335

Protanopia

14.4272, 15.5871, 8.0426

Deuteranopia

15.7803, 15.5304, 6.8686



Tritanopia

19.5968, 15.5237, 13.7679

Trichromacy



Original Color

18.2739, 15.5197, 7.0335

Protanomaly

15.6107, 15.4260, 7.6236

Deuteranomaly

16.6613, 15.5356, 6.9710

Tritanomaly

18.9611, 15.3868, 10.9874

Monochromacy



Original Color

18.2739, 15.5197, 7.0335

Achromatopsia

14.8208, 15.5926, 16.9804

Achromatomaly

15.6761, 15.3469, 12.7257

CSS Examples

Text

The CSS property to change the color of the text to XYZ 18.2739, 15.5197, 7.0335 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, 96, 65)` looks like.

```
.text, #text, p{  
    color:rgb(153, 96, 65)  
}
```

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, 96, 65) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(153, 96, 65) }
```

Border

The CSS property to change the border of an element to XYZ 18.2739, 15.5197, 7.0335 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, 96, 65) }
```


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

```
.border{ border-color:rgb(153, 96, 65) }
```

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

Here you see how a box with a 4 pixel rgb(153, 96, 65) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(153, 96, 65); -webkit-box-  
shadow:4px 4px 4px 4px rgb(153, 96, 65);  
box-shadow:4px 4px 4px 4px rgb(153, 96,  
65) }
```

Background

The CSS property to change the background color of an element to XYZ 18.2739, 15.5197, 7.0335 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(153, 96, 65) }
```

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

```
.background{ background-color: rgb(153, 96,  
65) }
```

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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