

Converting Colors

XYZ(11.0550, 9.0935, 9.5908)

Have a look what the booklet for
XYZ(11.0550, 9.0935, 9.5908)
contains.

XYZ(11.0530, 9.0500, 9.5518)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(11.0530, 9.0500,
9.5518)**

Conversions

Conversions Part 1

Format	Color
Hex	734954
RGB	115, 73, 84
RGB Percent	45%, 29%, 33%
CMY	0.5490, 0.7137, 0.6706
CMYK	0.00, 0.37, 0.27, 0.55
HSL	344°, 22%, 37%
HSV	344°, 37%, 45%
XYZ	11.0530, 9.0500, 9.5518
YIQ	86.8120, 21.5010, 12.3250

Conversions

Conversions Part 2

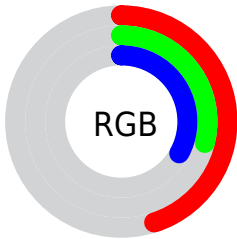
Format	Color
RYB	115, 73, 84
Decimal	7555412
CIELab	36.08, 19.57, 0.93
CIELCh	36, 19.590, 2.713
Yxy	9.0500, 0.3727, 0.3052
Android (android.graphics.Color)	4285745492 (0xFF734954)
YUV	86.8120, -1.3863, 24.7209
Hunter-Lab	30.0832, 12.9378, 2.2329

Details

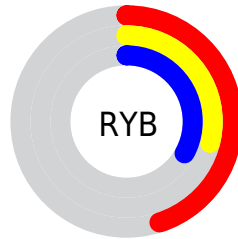
The XYZ color **11.0530, 9.0500, 9.5518** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **11.3774, 14.6776, 15.3308**, and the grayscale version is **9.0185, 9.4882, 10.3327**.

A 20% lighter version of the original color is **27.3416, 23.9374, 25.3696**, and **2.9614, 2.1008, 2.1689** is the 20% darker color. If you saturate the color by 10%, you get **10.0536, 7.5513, 7.6766**, and if you desaturate by 10%, it is **12.2330, 10.8452, 11.6863**.

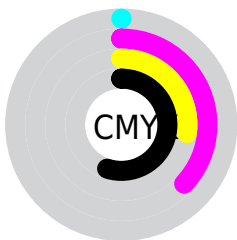
Distribution



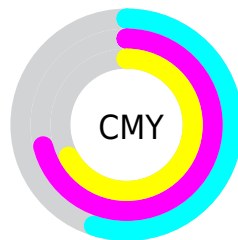
- Red (45%)
- Green (29%)
- Blue (33%)



- Red (45%)
- Yellow (29%)
- Blue (33%)



- Cyan (0%)
- Magenta (37%)
- Yellow (27%)
- Black (55%)





- Cyan (55%)
- Magenta (71%)
- Yellow (67%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 11.0530, 9.0500, 9.5518 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 11.0530, 9.0500, 9.5518 by changing the saturation by 10% instead.


 11.0530, 9.0500,
9.5518

 11.0530, 9.0500,
9.5518


191.9316,
183.7504, 197.8097


 6.1701, 4.7738,
5.0011


 27.3902, 23.9926,
25.5435


 2.9904, 2.1152,
2.1892

 39.5752, 35.4278,
37.8216


 1.1487, 0.6731,
0.6681

 54.9249, 50.0181,
53.5126

 0.0653, 0.0000,
0.0000

 73.8047, 68.1480,
73.0350

 0.0000, 0.0000,
0.0000

 96.5799, 90.2017,
96.8074

123.6158,

116.5638, 125.2483

155.2780,
147.6186, 158.7762

■ 11.0530, 9.0500,
9.5518

■ 11.0530, 9.0500,
9.5518

■ 10.0536, 7.5513,
7.6766

■ 12.2330, 10.8452,
11.6863

■ 9.2248, 6.3318,
6.0499

■ 13.6013, 12.9503,
14.0890

■ 8.5570, 5.3744,
4.6611


■ 15.1660, 15.3796,
16.7692


■ 8.0390, 4.6595,
3.4986


■ 16.9348, 18.1462,
19.7355


■ 7.6583, 4.1649,
2.5495

■ 18.9145, 21.2621,
22.9961


 7.3892, 3.8419,
1.7961

 21.1121, 24.7391,
26.5589

 7.3061, 3.7392,
1.5727

 23.5338, 28.5883,
30.4316

 26.1860, 32.8202,
34.6215

 29.0744, 37.4452,
39.1356

Harmonies

Analogous

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



10.7624, 9.0500, 13.1163



11.0530, 9.0500, 9.5518



10.6391, 9.0500, 6.7632

Triad

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



11.0530, 9.0500, 9.5518



7.4412, 9.0500, 5.3625



7.6101, 9.0500, 16.7689

Complementary

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



11.0530, 9.0500, 9.5518



11.3774, 14.6776, 15.3308

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.



6.8427, 9.0500, 13.7665



11.0530, 9.0500, 9.5518



6.7516, 9.0500, 7.1830

Square

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



11.0530, 9.0500, 9.5518



8.4956, 9.0500, 4.7136



6.5427, 9.0500, 10.1623



8.7088, 9.0500, 17.8021

Rectangle

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



11.0530, 9.0500, 9.5518



10.0394, 9.0500, 5.5618



6.5427, 9.0500, 10.1623



7.3083, 9.0500, 15.9274

Sweetspot

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



11.0533, 9.0504, 9.5520



25.7764, 25.3913, 27.6762



11.1631, 8.9344, 17.3559



6.0803, 5.9503, 6.4842



57.3938, 60.3827, 65.7568



6.9614, 7.3239, 7.9757

Same Dimension

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



11.0533, 9.0504, 9.5520



18.2284, 13.8578, 14.1774



11.3511, 10.2822, 7.6902



3.7197, 3.7152, 4.0507



8.3442, 4.2714, 1.7549



40.3555, 20.6923, 6.9353

Inverse Universe

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



11.0533, 9.0504, 9.5520



18.2284, 13.8578, 14.1774



10.9145, 12.7985, 18.1148



3.7197, 3.7152, 4.0507



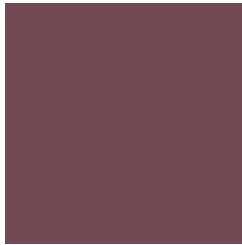
8.3442, 4.2714, 1.7549



40.3555, 20.6923, 6.9353

Previews

White Background



This preview shows how the XYZ color 11.0530, 9.0500, 9.5518 looks on a white background.

Color Contrast Check

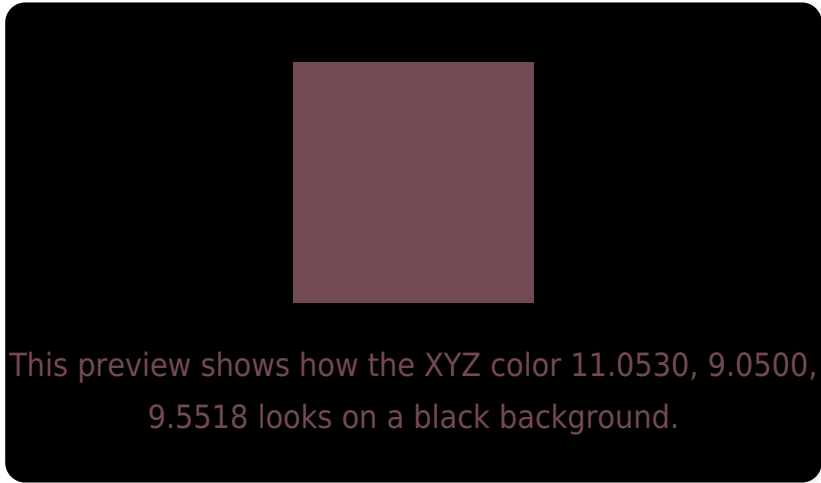
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

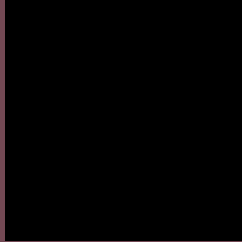
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 11.0530, 9.0500, 9.5518

Background



This preview shows how black text looks on a background with the XYZ color 11.0530, 9.0500, 9.5518.



This preview shows how white text looks on a background with the XYZ color 11.0530, 9.0500,

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

11.0530, 9.0500, 9.5518

Protanopia

8.8831, 9.1836, 11.2020

Deuteranopia

9.2596, 9.0767, 9.2466



Tritanopia

10.9303, 9.1069, 8.5789

Trichromacy



Original Color

11.0530, 9.0500, 9.5518

Protanomaly

9.5278, 9.0762, 10.4822

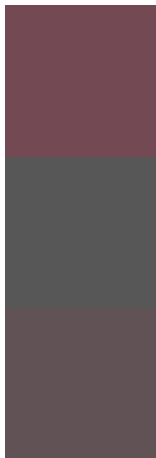
Deuteranomaly

9.8368, 9.0413, 9.4103

Tritanomaly

11.0042, 9.1365, 8.9681

Monochromacy



Original Color

11.0530, 9.0500, 9.5518

Achromatopsia

9.0590, 9.5307, 10.3790

Achromatomaly

9.6268, 9.2479, 10.0817

CSS Examples

Text

The CSS property to change the color of the text to XYZ 11.0530, 9.0500, 9.5518 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(115, 73, 84)` looks like.

```
.text, #text, p{  
  color:rgb(115, 73, 84)  
}
```

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(115, 73, 84) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(115, 73, 84) }
```

Border

The CSS property to change the border of an element to XYZ 11.0530, 9.0500, 9.5518 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(115, 73, 84) }
```


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

```
.border{ border-color:rgb(115, 73, 84) }
```

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

Here you see how a box with a 4 pixel rgb(115, 73, 84) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(115, 73, 84); -webkit-box-  
shadow:4px 4px 4px 4px rgb(115, 73, 84);  
box-shadow:4px 4px 4px 4px rgb(115, 73,  
84) }
```

Background

The CSS property to change the background color of an element to XYZ 11.0530, 9.0500, 9.5518 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(115, 73, 84) }
```

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

```
.background{ background-color: rgb(115, 73,  
84) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor