

Converting Colors

XYZ(19.3939, 13.3372, 5.6572)

Have a look what the booklet for
XYZ(19.3939, 13.3372, 5.6572)
contains.

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Color

**XYZ(19.4690, 13.3855,
5.6952)**

Conversions

Conversions Part 1

Format	Color
Hex	A9483B
RGB	169, 72, 59
RGB Percent	66%, 28%, 23%
CMY	0.3373, 0.7176, 0.7686
CMYK	0.00, 0.57, 0.65, 0.34
HSL	7°, 48%, 45%
HSV	7°, 65%, 66%
XYZ	19.4690, 13.3855, 5.6952
YIQ	99.5210, 61.9850, 16.5210

Conversions

Conversions Part 2

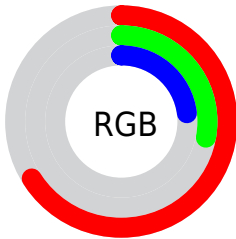
Format	Color
R_{YB}	169, 74, 59
Decimal	11094075
CIE Lab	43.34, 38.97, 27.51
CIE LCh	43, 47.703, 35.220
Yxy	13.3855, 0.5050, 0.3472
Android (android.graphics.Color)	4289284155 (0xFFA9483B)
YUV	99.5210, -19.9769, 60.9331
Hunter-Lab	36.5862, 30.9612, 16.3809

Details

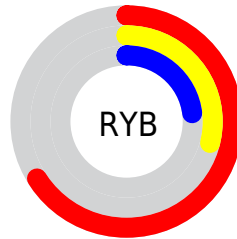
The XYZ color **19.4690, 13.3855, 5.6952** is a dark color, and the websafe version is hex **993333**. A complement of this color would be **20.8527, 27.5696, 41.7584**, and the grayscale version is **12.0298, 12.6563, 13.7827**.

A 20% lighter version of the original color is **42.1746, 32.1349, 17.8897**, and **6.8819, 3.8827, 0.8769** is the 20% darker color. If you saturate the color by 10%, you get **18.2501, 11.5394, 3.4654**, and if you desaturate by 10%, it is **21.0639, 15.7569, 8.7506**.

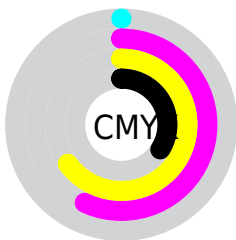
Distribution



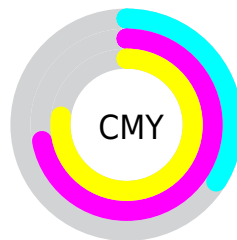
- Red (66%)
- Green (28%)
- Blue (23%)



- Red (66%)
- Yellow (29%)
- Blue (23%)



- Cyan (0%)
- Magenta (57%)
- Yellow (65%)
- Black (34%)





- Cyan (34%)
- Magenta (72%)
- Yellow (77%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 19.4690, 13.3855, 5.6952 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 19.4690, 13.3855, 5.6952 by changing the saturation by 10% instead.


 19.4690, 13.3855,
5.6952

 19.4690, 13.3855,
5.6952


241.9145,
213.3737, 165.5297


 12.1157, 7.6945,
2.5949


 42.0359, 31.9946,
17.7615


 6.8953, 3.9001,
0.8898


 57.9801, 45.6816,
27.5646

 3.4424, 1.6178,
0.0000

 77.5188, 62.8027,
40.4390

 1.3918, 0.3696,
0.0000

 101.0171, 83.7423,
56.8032

 0.2504, 0.0000,
0.0000

 128.8405,
108.8848, 77.0759

 0.0000, 0.0000,
0.0000

 161.3543,

138.6146, 101.6755

198.9238,
173.3161, 131.0206

■ 19.4690, 13.3855,
5.6952

■ 19.4690, 13.3855,
5.6952

■ 18.2501, 11.5394,
3.4654

■ 21.0639, 15.7569,
8.7506

■ 17.3749, 10.1763,
1.9796

■ 23.0618, 18.6871,
12.7012

■ 16.8065, 9.2509,
1.1382

■ 25.4881, 22.2097,
17.6101

■ 16.6120, 8.9346,
0.8490

■ 28.3659, 26.3548,
23.5344

■ 31.7166, 31.1504,
30.5269

■ 35.5603, 36.6229,
38.6365

■ 39.9160, 42.7973,
47.9091

■ 44.8014, 49.6972,
58.3884

■ 50.2336, 57.3451,
70.1152

Harmonies

Analogous

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



21.2097, 13.3855, 12.7971



19.4690, 13.3855, 5.6952



15.9454, 13.3855, 2.7948

Triad

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



19.4690, 13.3855, 5.6952



7.2921, 13.3855, 7.5909



13.3813, 13.3855, 45.7632

Complementary

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



19.4690, 13.3855, 5.6952



20.8527, 27.5696, 41.7584

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.



9.9661, 13.3855, 42.0261



19.4690, 13.3855, 5.6952



6.8687, 13.3855, 16.5093

Square

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



19.4690, 13.3855, 5.6952



9.0428, 13.3855, 3.4582



7.7482, 13.3855, 29.7774



17.2854, 13.3855, 38.3790

Rectangle

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



19.4690, 13.3855, 5.6952



13.3249, 13.3855, 2.2362



7.7482, 13.3855, 29.7774



12.1386, 13.3855, 45.7925

Sweetspot

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



19.4693, 13.3862, 5.6954



53.5327, 51.1147, 47.8290



23.9410, 13.9689, 32.9609



11.3247, 10.6492, 9.7100



80.6108, 84.8088, 92.3568



14.7206, 15.4872, 16.8656

Same Dimension

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



19.4693, 13.3862, 5.6954



31.9380, 19.5133, 4.9061



24.7195, 23.8865, 7.4455



7.5999, 7.6799, 7.8711



12.4027, 6.7027, 0.6401



0.3229, 0.2053, 0.0226

Inverse Universe

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



20.8527, 27.5696, 41.7584



34.4973, 46.6468, 74.4106



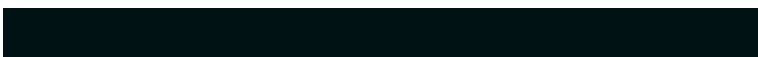
13.6350, 13.1342, 39.3525



7.6707, 8.3784, 9.6312



13.3752, 18.2106, 30.7855



0.3460, 0.4842, 0.7559

Previews

White Background



This preview shows how the XYZ color 19.4690, 13.3855, 5.6952 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 19.4690, 13.3855, 5.6952 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 19.4690, 13.3855, 5.6952

Background



This preview shows how black text looks on a background with the XYZ color 19.4690, 13.3855, 5.6952.



This preview shows how white text looks on a background with the XYZ color 19.4690, 13.3855,

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

19.4690, 13.3855, 5.6952

Protanopia

12.5431, 13.5349, 7.9126

Deuteranopia

13.6377, 13.4373, 5.3649



Tritanopia

20.0038, 13.4208, 8.0147

Trichromacy



Original Color

19.4690, 13.3855, 5.6952

Protanomaly

14.3560, 12.9651, 7.0561

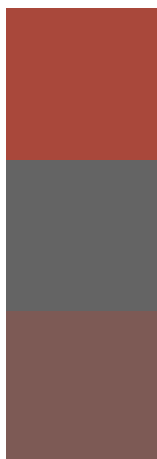
Deuteranomaly

15.4415, 13.1811, 5.4717

Tritanomaly

19.9050, 13.4822, 7.1834

Monochromacy



Original Color

19.4690, 13.3855, 5.6952

Achromatopsia

12.1130, 12.7438, 13.8780

Achromatomaly

13.7533, 12.3282, 10.2490

CSS Examples

Text

The CSS property to change the color of the text to XYZ 19.4690, 13.3855, 5.6952 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(169, 72, 59)` looks like.

```
.text, #text, p{  
  color:rgb(169, 72, 59)  
}
```

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(169, 72, 59) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(169, 72, 59) }
```

Border

The CSS property to change the border of an element to XYZ 19.4690, 13.3855, 5.6952 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(169, 72, 59) }
```


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

```
.border{ border-color:rgb(169, 72, 59) }
```

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

Here you see how a box with a 4 pixel rgb(169, 72, 59) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(169, 72, 59); -webkit-box-  
shadow:4px 4px 4px 4px rgb(169, 72, 59);  
box-shadow:4px 4px 4px 4px rgb(169, 72,  
59) }
```

Background

The CSS property to change the background color of an element to XYZ 19.4690, 13.3855, 5.6952 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(169, 72, 59) }
```

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

```
.background{ background-color: rgb(169, 72,  
59) }
```

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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