

Converting Colors

XYZ(19.0847, 13.8979, 9.7207)

Have a look what the booklet for
XYZ(19.0847, 13.8979, 9.7207)
contains.

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Color

**XYZ(19.0896, 13.9236,
9.6640)**

Conversions

Conversions Part 1

Format	Color
Hex	A15052
RGB	161, 80, 82
RGB Percent	63%, 31%, 32%
CMY	0.3686, 0.6863, 0.6784
CMYK	0.00, 0.50, 0.49, 0.37
HSL	359°, 34%, 47%
HSV	359°, 50%, 63%
XYZ	19.0896, 13.9236, 9.6640
YIQ	104.4470, 47.6340, 17.7940

Conversions

Conversions Part 2

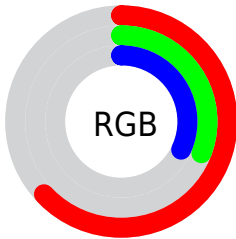
Format	Color
R_{YB}	161, 80, 82
Decimal	10571858
CIE _{Lab}	44.12, 33.66, 14.45
CIE _{LCh}	44, 36.630, 23.229
Yxy	13.9236, 0.4473, 0.3263
Android (android.graphics.Color)	4288761938 (0xFFA15052)
YUV	104.4470, -11.0664, 49.5970
Hunter-Lab	37.3143, 26.0185, 10.7646

Details

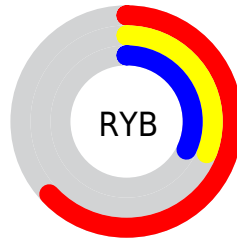
The XYZ color **19.0896, 13.9236, 9.6640** is a dark color, and the websafe version is hex **CC6666**. A complement of this color would be **22.3119, 29.6987, 37.3594**, and the grayscale version is **13.2983, 13.9908, 15.2360**.

A 20% lighter version of the original color is **41.4265, 32.9314, 25.6457**, and **6.6496, 4.1168, 2.1944** is the 20% darker color. If you saturate the color by 10%, you get **17.5181, 11.6300, 6.5218**, and if you desaturate by 10%, it is **21.0810, 16.8382, 13.6211**.

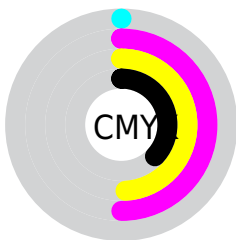
Distribution



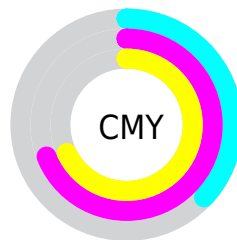
- Red (63%)
- Green (31%)
- Blue (32%)



- Red (63%)
- Yellow (31%)
- Blue (32%)



- Cyan (0%)
- Magenta (50%)
- Yellow (49%)
- Black (37%)



- Cyan (37%)
- Magenta (69%)
- Yellow (68%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 19.0896, 13.9236, 9.6640 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 19.0896, 13.9236, 9.6640 by changing the saturation by 10% instead.

■ 19.0896, 13.9236,
9.6640

■ 19.0896, 13.9236,
9.6640

239.8716,
216.7550, 198.6538

■ 11.8394, 8.0675,
5.0741

■ 41.4011, 32.9534,
25.7594

■ 6.7059, 4.1382,
2.2313

■ 57.1932, 46.8960,
38.1020

■ 3.3235, 1.7512,
0.6923

■ 76.5633, 64.3028,
53.8659

■ 1.3271, 0.4565,
0.0000

■ 99.8768, 85.5583,
73.4696

■ 0.2033, 0.0000,
0.0000

■ 127.4990,
111.0469, 97.3317

■ 0.0000, 0.0000,
0.0000

159.7953,

141.1529, 125.8708

197.1311,
176.2608, 159.5053

■ 19.0896, 13.9236,
9.6640

■ 19.0896, 13.9236,
9.6640

■ 17.5181, 11.6300,
6.5218

■ 21.0810, 16.8382,
13.6211

■ 16.3355, 9.9105,
4.1372

■ 23.5184, 20.4121,
18.4436

■ 15.5083, 8.7150,
2.4464

■ 26.4267, 24.6830,
24.1789

■ 14.9966, 7.9837,
1.3751

■ 29.8291, 29.6851,
30.8705

■ 14.7196, 7.5857,
0.8023

■ 33.7470, 35.4503,
38.5594

■ 38.2005, 42.0088,
47.2840

■ 43.2087, 49.3891,
57.0807

■ 48.7899, 57.6181,
67.9843

■ 54.9614, 66.7217,
80.0278

Harmonies

Analogous

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



19.6254, 13.9236, 17.1352



19.0896, 13.9236, 9.6640



16.8855, 13.9236, 5.5867

Triad

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



19.0896, 13.9236, 9.6640



9.2285, 13.9236, 7.4313



12.5833, 13.9236, 37.3753

Complementary

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



19.0896, 13.9236, 9.6640



22.3119, 29.6987, 37.3594

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.



10.1509, 13.9236, 32.0224



19.0896, 13.9236, 9.6640



8.4069, 13.9236, 13.3435

Square

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



19.0896, 13.9236, 9.6640



11.1417, 13.9236, 4.6683



8.7180, 13.9236, 22.4238



15.5730, 13.9236, 35.2440

Rectangle

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



19.0896, 13.9236, 9.6640



14.9201, 13.9236, 4.3916



8.7180, 13.9236, 22.4238



11.6799, 13.9236, 36.3420

Sweetspot

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



19.0900, 13.9243, 9.6643



50.2775, 48.5401, 49.1065



23.4617, 15.6108, 35.4948



10.7669, 10.2638, 10.2589



76.7382, 80.7346, 87.9200



13.3056, 13.9985, 15.2444

Same Dimension

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



19.0900, 13.9243, 9.6643



31.1746, 20.5385, 11.2805



22.6013, 21.0667, 10.4655



7.0805, 7.0887, 7.4104



11.7584, 6.0594, 0.6527



0.2491, 0.1281, 0.0242

Inverse Universe

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



19.0900, 13.9243, 9.6643



31.1746, 20.5385, 11.2805



16.8498, 18.4951, 36.4000



7.0805, 7.0887, 7.4104



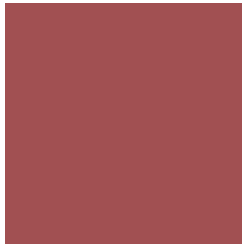
11.7584, 6.0594, 0.6527



0.2491, 0.1281, 0.0242

Previews

White Background



This preview shows how the XYZ color 19.0896, 13.9236, 9.6640 looks on a white background.

Color Contrast Check

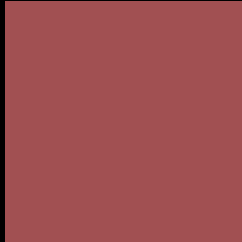
Large Text (above 18pt) WCAG AA ✓ Pass

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 19.0896, 13.9236, 9.6640 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

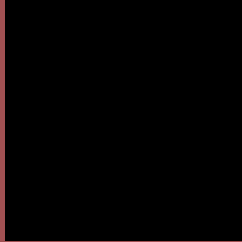
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 19.0896, 13.9236, 9.6640

Background



This preview shows how black text looks on a background with the XYZ color 19.0896, 13.9236, 9.6640.

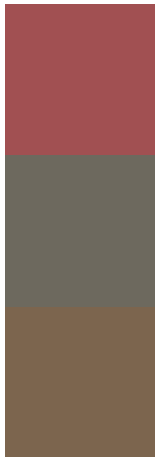


This preview shows how white text looks on a background with the XYZ color 19.0896, 13.9236,

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

19.0896, 13.9236, 9.6640

Protanopia

13.3786, 14.1625, 12.6182

Deuteranopia

14.3410, 14.1425, 9.1817



Tritanopia

19.2063, 13.9703, 10.2786

Trichromacy



Original Color

19.0896, 13.9236, 9.6640

Protanomaly

14.9304, 13.6931, 11.5290

Deuteranomaly

15.6422, 13.7116, 9.2193

Tritanomaly

19.1668, 13.9545, 10.0708

Monochromacy



Original Color

19.0896, 13.9236, 9.6640

Achromatopsia

13.1579, 13.8432, 15.0752

Achromatomaly

14.6610, 13.3889, 12.8779

CSS Examples

Text

The CSS property to change the color of the text to XYZ 19.0896, 13.9236, 9.6640 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(161, 80, 82)` looks like.

```
.text, #text, p{  
    color:rgb(161, 80, 82)  
}
```

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(161, 80, 82) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(161, 80, 82) }
```

Border

The CSS property to change the border of an element to XYZ 19.0896, 13.9236, 9.6640 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(161, 80, 82) }
```


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

```
.border{ border-color:rgb(161, 80, 82) }
```

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

Here you see how a box with a 4 pixel `rgb(161, 80, 82)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(161, 80, 82); -webkit-box-  
shadow:4px 4px 4px 4px rgb(161, 80, 82);  
box-shadow:4px 4px 4px 4px rgb(161, 80,  
82) }
```

Background

The CSS property to change the background color of an element to XYZ 19.0896, 13.9236, 9.6640 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(161, 80, 82) }
```

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

```
.background{ background-color: rgb(161, 80,  
82) }
```

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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