

Converting Colors

XYZ(19.0827, 13.9837, 9.3849)

Have a look what the booklet for
XYZ(19.0827, 13.9837, 9.3849)
contains.

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Color

**XYZ(19.1256, 14.0560,
9.4896)**

Conversions

Conversions Part 1

Format	Color
Hex	A15151
RGB	161, 81, 81
RGB Percent	63%, 32%, 32%
CMY	0.3686, 0.6823, 0.6824
CMYK	0.00, 0.50, 0.50, 0.37
HSL	0°, 33%, 47%
HSV	0°, 50%, 63%
XYZ	19.1256, 14.0560, 9.4896
YIQ	104.9200, 47.6800, 16.9600

Conversions

Conversions Part 2

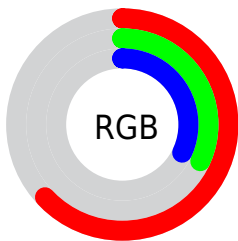
Format	Color
RYB	161, 81, 81
Decimal	10572113
CIELab	44.31, 33.03, 15.31
CIELCh	44, 36.404, 24.878
Yxy	14.0560, 0.4482, 0.3294
Android (android.graphics.Color)	4288762193 (0xFFA15151)
YUV	104.9200, -11.7926, 49.1822
Hunter-Lab	37.4913, 25.4491, 11.2368

Details

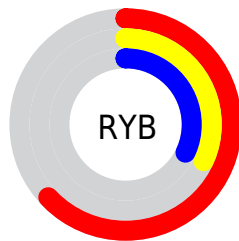
The XYZ color **19.1256, 14.0560, 9.4896** is a dark color, and the websafe version is hex **CC6666**. A complement of this color would be **22.5705, 29.8108, 38.2827**, and the grayscale version is **13.4279, 14.1272, 15.3845**.

A 20% lighter version of the original color is **41.4939, 33.1743, 25.3354**, and **6.6761, 4.1699, 2.2033** is the 20% darker color. If you saturate the color by 10%, you get **17.5341, 11.7273, 6.3254**, and if you desaturate by 10%, it is **21.1446, 17.0106, 13.5028**.

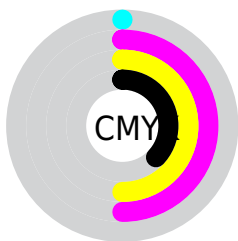
Distribution



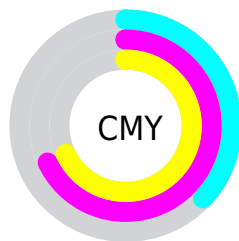
- Red (63%)
- Green (32%)
- Blue (32%)



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



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





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

Brightness & Saturation Gradients

These gradients show how the XYZ color 19.1256, 14.0560, 9.4896 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 19.1256, 14.0560, 9.4896 by changing the saturation by 10% instead.


 19.1256, 14.0560,
9.4896


 19.1256, 14.0560,
9.4896


240.0661,
217.5789, 197.3400


 11.8656, 8.1596,
4.9607


 41.4615, 33.1884,
25.4236


 6.7238, 4.1973,
2.1659


 57.2680, 47.1931,
37.6658

 3.3347, 1.7845,
0.6546

 76.6542, 64.6695,
53.3162

 1.3332, 0.4775,
0.0000

 99.9853, 86.0018,
72.7933

 0.2078, 0.0000,
0.0000

 127.6267,
111.5746, 96.5157

 0.0000, 0.0000,
0.0000

159.9437,

141.7720, 124.9020

197.3017,
176.9787, 158.3705

■ 19.1256, 14.0560,
9.4896

■ 19.1256, 14.0560,
9.4896

■ 17.5341, 11.7273,
6.3254

■ 21.1446, 17.0106,
13.5028

■ 16.3384, 9.9776,
3.9485

■ 23.6177, 20.6295,
18.4191

■ 15.5041, 8.7567,
2.2900

■ 26.5705, 24.9503,
24.2892

■ 14.9905, 8.0052,
1.2691

■ 30.0266, 30.0075,
31.1597

■ 14.7062, 7.5892,
0.7041

■ 34.0077, 35.8330,
39.0742

■ 14.6980, 7.5773,
0.6879

■ 38.5346, 42.4571,
48.0735

■ 43.6268, 49.9083,
58.1967

■ 49.3027, 58.2137,
69.4804

■ 55.5801, 67.3993,
81.9600

Harmonies

Analogous

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



19.7657, 14.0560, 16.7848



19.1256, 14.0560, 9.4896



16.8558, 14.0560, 5.5628

Triad

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



19.1256, 14.0560, 9.4896



9.2750, 14.0560, 7.7947



12.8650, 14.0560, 37.5448

Complementary

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



19.1256, 14.0560, 9.4896



22.5705, 29.8108, 38.2827

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.



10.3841, 14.0560, 32.5754



19.1256, 14.0560, 9.4896



8.5132, 14.0560, 13.9141

Square

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



19.1256, 14.0560, 9.4896



11.1351, 14.0560, 4.8635



8.8877, 14.0560, 23.1113



15.8627, 14.0560, 35.0079

Rectangle

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



19.1256, 14.0560, 9.4896



14.8780, 14.0560, 4.4410



8.8877, 14.0560, 23.1113



11.9485, 14.0560, 36.6563

Sweetspot

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



19.1260, 14.0567, 9.4899



50.2001, 48.5097, 48.6976



24.0734, 16.0352, 35.5445



10.7483, 10.2565, 10.1606



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.



19.1260, 14.0567, 9.4899



31.0519, 20.4903, 10.6322



23.0206, 21.8460, 10.7881



7.0738, 7.0860, 7.3750



11.7389, 6.0518, 0.5494



0.2467, 0.1272, 0.0115

Inverse Universe

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



22.5705, 29.8108, 38.2827



37.9684, 52.1234, 68.4462



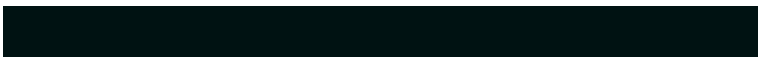
16.6638, 17.9974, 36.3138



7.2761, 8.0112, 9.0659



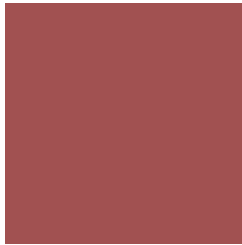
15.3156, 22.4107, 30.4483



0.3218, 0.4709, 0.6398

Previews

White Background



This preview shows how the XYZ color 19.1256, 14.0560, 9.4896 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 19.1256, 14.0560, 9.4896 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

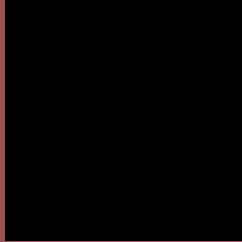
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 19.1256, 14.0560, 9.4896

Background



This preview shows how black text looks on a background with the XYZ color 19.1256, 14.0560, 9.4896.



This preview shows how white text looks on a background with the XYZ color 19.1256, 14.0560,

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

19.1256, 14.0560, 9.4896

Protanopia

13.4137, 14.1909, 12.1573

Deuteranopia

14.4863, 14.2174, 9.1884



Tritanopia

19.2463, 13.9863, 10.4893

Trichromacy



Original Color

19.1256, 14.0560, 9.4896

Protanomaly

14.9976, 13.7374, 11.0937

Deuteranomaly

15.8952, 13.9732, 9.2565

Tritanomaly

19.1668, 13.9545, 10.0708

Monochromacy



Original Color

19.1256, 14.0560, 9.4896

Achromatopsia

13.4271, 14.1263, 15.3836

Achromatomaly

14.7516, 13.5702, 12.9082

CSS Examples

Text

The CSS property to change the color of the text to XYZ 19.1256, 14.0560, 9.4896 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, 81, 81)` looks like.

```
.text, #text, p{  
    color:rgb(161, 81, 81)  
}
```

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, 81, 81) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(161, 81, 81) }
```

Border

The CSS property to change the border of an element to XYZ 19.1256, 14.0560, 9.4896 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, 81, 81) }
```


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

```
.border{ border-color:rgb(161, 81, 81) }
```

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

Here you see how a box with a 4 pixel rgb(161, 81, 81) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(161, 81, 81); -webkit-box-  
shadow:4px 4px 4px 4px rgb(161, 81, 81);  
box-shadow:4px 4px 4px 4px rgb(161, 81,  
81) }
```

Background

The CSS property to change the background color of an element to XYZ 19.1256, 14.0560, 9.4896 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(161, 81, 81) }
```

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

```
.background{ background-color: rgb(161, 81,  
81) }
```

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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