

Converting Colors

XYZ(19.3674, 14.3929, 15.2484)

Have a look what the booklet for
XYZ(19.3674, 14.3929, 15.2484)
contains.

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Color

**XYZ(19.4304, 14.4285,
15.1255)**

Conversions

Conversions Part 1

Format	Color
Hex	9C5469
RGB	156, 84, 105
RGB Percent	61%, 33%, 41%
CMY	0.3882, 0.6706, 0.5882
CMYK	0.00, 0.46, 0.33, 0.39
HSL	343°, 30%, 47%
HSV	343°, 46%, 61%
XYZ	19.4304, 14.4285, 15.1255
YIQ	107.9220, 36.1710, 21.7950

Conversions

Conversions Part 2

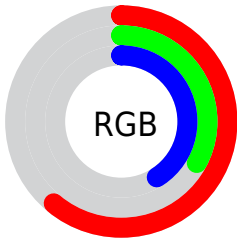
Format	Color
R _Y B	156, 84, 105
Decimal	10245225
CIE Lab	44.84, 32.30, 1.32
CIE LCh	45, 32.325, 2.337
Yxy	14.4285, 0.3967, 0.2946
Android (android.graphics.Color)	4288435305 (0xFF9C5469)
YUV	107.9220, -1.4405, 42.1644
Hunter-Lab	37.9849, 24.8346, 2.9802

Details

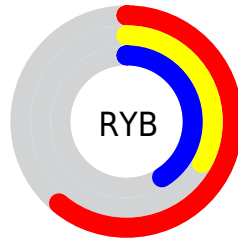
The XYZ color **19.4304, 14.4285, 15.1255** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **19.9185, 27.4113, 27.1642**, and the grayscale version is **14.2292, 14.9703, 16.3026**.

A 20% lighter version of the original color is **41.8161, 33.7253, 35.7582**, and **6.8442, 4.3323, 4.4785** is the 20% darker color. If you saturate the color by 10%, you get **17.8201, 12.0585, 11.9662**, and if you desaturate by 10%, it is **21.3850, 17.3687, 18.7640**.

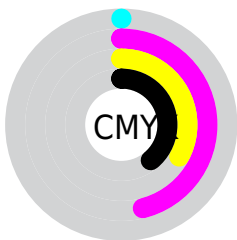
Distribution



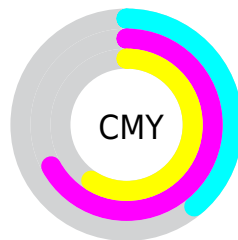
- Red (61%)
- Green (33%)
- Blue (41%)



- Red (61%)
- Yellow (33%)
- Blue (41%)



- Cyan (0%)
- Magenta (46%)
- Yellow (33%)
- Black (39%)



- Cyan (39%)
- Magenta (67%)
- Yellow (59%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 19.4304, 14.4285, 15.1255 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 19.4304, 14.4285, 15.1255 by changing the saturation by 10% instead.

■ 19.4304, 14.4285,
15.1255

■ 19.4304, 14.4285,
15.1255

241.7074,
219.8805, 235.7915

■ 12.0875, 8.4193,
8.7599

■ 41.9714, 33.8474,
35.8186

■ 6.8759, 4.3644,
4.4902

■ 57.9002, 48.0259,
50.9832

■ 3.4303, 1.8794,
1.8980

■ 77.4218, 65.6963,
69.9179

■ 1.3852, 0.5360,
0.4914

■ 100.9014, 87.2430,
93.0412

■ 0.2456, 0.0000,
0.0000

■ 128.7044,
113.0504, 120.7717

■ 0.0000, 0.0000,
0.0000

161.1961,

143.5028, 153.5278

198.7420,
178.9847, 191.7283

■ 19.4304, 14.4285,
15.1255

■ 19.4304, 14.4285,
15.1255

■ 17.8201, 12.0585,
11.9662

■ 21.3850, 17.3687,
18.7640

■ 16.5319, 10.2193,
9.2645

■ 23.7018, 20.9111,
22.9005

■ 15.5430, 8.8697,
6.9979

■ 26.3988, 25.0875,
27.5536

■ 14.8266, 7.9615,
5.1417

■ 29.4927, 29.9271,
32.7408

■ 14.3457, 7.4264,
3.6665

■ 32.9988, 35.4571,
38.4788

■ 14.1935, 7.2612,
3.1863

■ 36.9318, 41.7035,
44.7832

■ 41.3057, 48.6904,
51.6695

■ 46.1337, 56.4414,
59.1521

■ 51.4286, 64.9785,
67.2452

Harmonies

Analogous

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



18.7135, 14.4285, 23.4637



19.4304, 14.4285, 15.1255



18.4603, 14.4285, 9.1519

Triad

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



19.4304, 14.4285, 15.1255



11.1763, 14.4285, 6.3568



11.4916, 14.4285, 32.4034

Complementary

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



19.4304, 14.4285, 15.1255



19.9185, 27.4113, 27.1642

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.



9.8599, 14.4285, 24.8293



19.4304, 14.4285, 15.1255



9.6949, 14.4285, 9.8860

Square

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



19.4304, 14.4285, 15.1255



13.5082, 14.4285, 5.2083



9.2454, 14.4285, 16.3097



13.9216, 14.4285, 35.1479

Rectangle

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



19.4304, 14.4285, 15.1255



17.0516, 14.4285, 6.7898



9.2454, 14.4285, 16.3097



10.8428, 14.4285, 30.2395

Sweetspot

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



19.4308, 14.4292, 15.1258



48.9451, 47.1199, 51.7359



19.0670, 13.8430, 33.1195



10.5347, 10.0017, 10.9851



74.8435, 78.7412, 85.7492



12.6291, 13.2868, 14.4694

Same Dimension

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



19.4308, 14.4292, 15.1258



32.3828, 21.9255, 21.7672



19.7162, 16.5192, 10.5378



6.7087, 6.6764, 7.3170



11.7047, 5.9864, 2.6959



0.2264, 0.1139, 0.1382

Inverse Universe

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



19.4308, 14.4292, 15.1258



32.3828, 21.9255, 21.7672



19.2710, 23.5128, 34.9752



6.7087, 6.6764, 7.3170



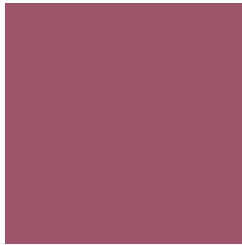
11.7047, 5.9864, 2.6959



0.2264, 0.1139, 0.1382

Previews

White Background



This preview shows how the XYZ color 19.4304, 14.4285, 15.1255 looks on a white background.

Color Contrast Check

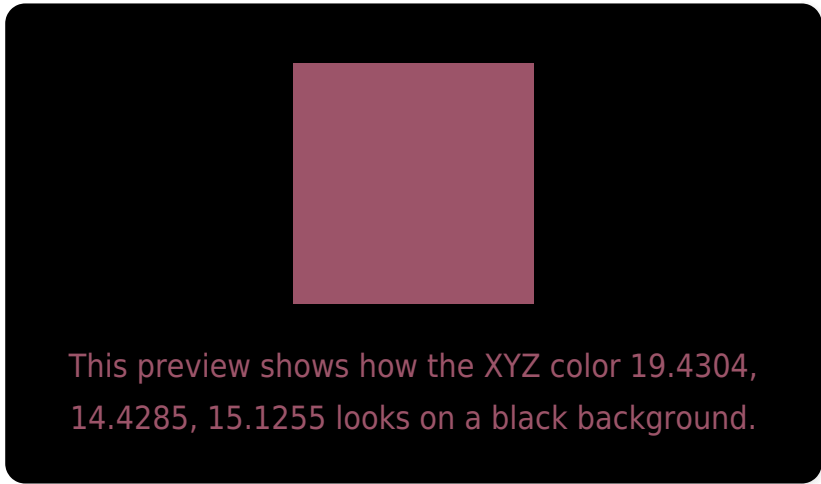
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

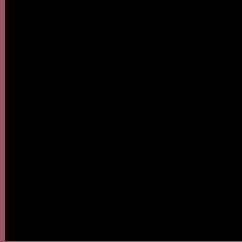
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 19.4304, 14.4285, 15.1255

Background



This preview shows how black text looks on a background with the XYZ color 19.4304, 14.4285, 15.1255.



This preview shows how white text looks on a background with the XYZ color 19.4304, 14.4285,

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

19.4304, 14.4285, 15.1255

Protanopia

14.2497, 14.6193, 19.2103

Deuteranopia

14.8563, 14.5817, 14.6019



Tritanopia

18.8211, 14.4145, 12.1462

Trichromacy



Original Color

19.4304, 14.4285, 15.1255

Protanomaly

15.6605, 14.2127, 17.5407

Deuteranomaly

16.1468, 14.2505, 14.7316

Tritanomaly

18.9237, 14.3286, 13.0776

Monochromacy



Original Color

19.4304, 14.4285, 15.1255

Achromatopsia

14.2537, 14.9960, 16.3306

Achromatomaly

15.5731, 14.3452, 15.8580

CSS Examples

Text

The CSS property to change the color of the text to XYZ 19.4304, 14.4285, 15.1255 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(156, 84, 105)` looks like.

```
.text, #text, p{  
    color:rgb(156, 84, 105)  
}
```

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(156, 84, 105) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(156, 84, 105) }
```

Border

The CSS property to change the border of an element to XYZ 19.4304, 14.4285, 15.1255 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(156, 84, 105) }
```


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

```
.border{ border-color:rgb(156, 84, 105) }
```

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

Here you see how a box with a 4 pixel `rgb(156, 84, 105)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(156, 84, 105); -webkit-box-  
shadow:4px 4px 4px 4px rgb(156, 84, 105);  
box-shadow:4px 4px 4px 4px rgb(156, 84,  
105) }
```

Background

The CSS property to change the background color of an element to XYZ 19.4304, 14.4285, 15.1255 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(156, 84, 105) }
```

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

```
.background{ background-color: rgb(156, 84,  
105) }
```

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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