

Converting Colors

XYZ(19.9450, 14.7438, 16.2951)

Have a look what the booklet for
XYZ(19.9450, 14.7438, 16.2951)
contains.

XYZ(19.9134, 14.7692, 16.2692)	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(19.9134, 14.7692,
16.2692)**

Conversions

Conversions Part 1

Format	Color
Hex	9D556D
RGB	157, 85, 109
RGB Percent	62%, 33%, 43%
CMY	0.3843, 0.6666, 0.5725
CMYK	0.00, 0.46, 0.31, 0.38
HSL	340°, 30%, 47%
HSV	340°, 46%, 62%
XYZ	19.9134, 14.7692, 16.2692
YIQ	109.2640, 35.2080, 22.7280

Conversions

Conversions Part 2

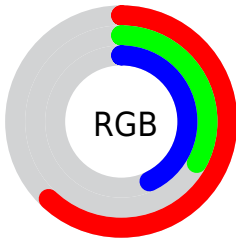
Format	Color
R_{YB}	157, 85, 109
Decimal	10311021
CIE _{Lab}	45.32, 32.67, -0.41
CIE _{LCh}	45, 32.673, 359.280
Yxy	14.7692, 0.3908, 0.2899
Android (android.graphics.Color)	4288501101 (0xFF9D556D)
YUV	109.2640, -0.1302, 41.8645
Hunter-Lab	38.4307, 25.2385, 1.8018

Details

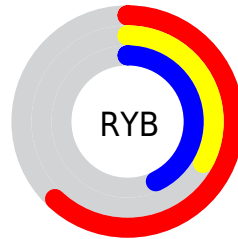
The XYZ color **19.9134, 14.7692, 16.2692** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **20.0376, 27.7390, 26.4897**, and the grayscale version is **14.6045, 15.3651, 16.7326**.

A 20% lighter version of the original color is **42.5899, 34.2925, 37.6321**, and **7.0939, 4.4931, 5.0508** is the 20% darker color. If you saturate the color by 10%, you get **18.2814, 12.3538, 13.1088**, and if you desaturate by 10%, it is **21.8876, 17.7613, 19.8751**.

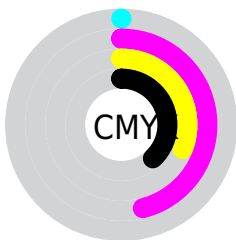
Distribution



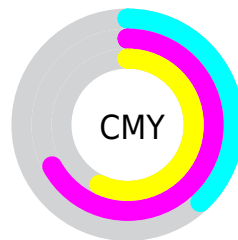
- Red (62%)
- Green (33%)
- Blue (43%)



- Red (62%)
- Yellow (33%)
- Blue (43%)



- Cyan (0%)
- Magenta (46%)
- Yellow (31%)
- Black (38%)





- Cyan (38%)
- Magenta (67%)
- Yellow (57%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 19.9134, 14.7692, 16.2692 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 19.9134, 14.7692, 16.2692 by changing the saturation by 10% instead.


 19.9134, 14.7692,
16.2692


 19.9134, 14.7692,
16.2692


244.2884,
221.9650, 242.8247


 12.4400, 8.6576,
9.5584


 42.7770, 34.4478,
37.8382


 7.1184, 4.5185,
5.0054


 58.8979, 48.7835,
53.5335


 3.5833, 1.9676,
2.1917

 78.6320, 66.6294,
73.0607

 1.4692, 0.5886,
0.6695

 102.3447, 88.3698,
96.8384

 0.3047, 0.0000,
0.0000

 130.4014,
114.3892, 125.2851

 0.0000, 0.0000,
0.0000

163.1673,

145.0719, 158.8194

201.0079,
180.8024, 197.8597

■ 19.9134, 14.7692,
16.2692

■ 19.9134, 14.7692,
16.2692

■ 18.2814, 12.3538,
13.1088

■ 21.8876, 17.7613,
19.8751

■ 16.9696, 10.4754,
10.3745

■ 24.2216, 21.3623,
23.9429

■ 15.9555, 9.0925,
8.0467


■ 26.9334, 25.6043,
28.4893


■ 15.2125, 8.1566,
6.1036


■ 30.0392, 30.5167,
33.5296


■ 14.7054, 7.6014,
4.5193

■ 33.5543, 36.1271,
39.0787

 14.5319, 7.4190,
3.9538

 37.4932, 42.4613,
45.1506

 41.8698, 49.5441,
51.7590

 46.6971, 57.3988,
58.9168

 51.9878, 66.0481,
66.6366

Harmonies

Analogous

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



19.0057, 14.7692, 24.9635



19.9134, 14.7692, 16.2692



19.0859, 14.7692, 9.8357

Triad

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



19.9134, 14.7692, 16.2692



11.6423, 14.7692, 6.2669



11.5426, 14.7692, 32.6060

Complementary

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



19.9134, 14.7692, 16.2692



20.0376, 27.7390, 26.4897

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.



9.9687, 14.7692, 24.5311



19.9134, 14.7692, 16.2692



10.0209, 14.7692, 9.6038

Square

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



19.9134, 14.7692, 16.2692



14.1032, 14.7692, 5.3051



9.4489, 14.7692, 15.8946



13.9724, 14.7692, 36.0718

Rectangle

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



19.9134, 14.7692, 16.2692



17.7152, 14.7692, 7.2211



9.4489, 14.7692, 15.8946



10.9079, 14.7692, 30.2351

Sweetspot

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



19.9138, 14.7699, 16.2695



49.0702, 47.1699, 52.3947



19.0077, 13.9187, 33.5830



10.5655, 10.0141, 11.1473



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.



19.9138, 14.7699, 16.2695



32.6872, 22.0473, 23.3701



19.8195, 16.3741, 10.7112



6.7197, 6.6808, 7.3751



11.8183, 6.0319, 3.2941



0.2299, 0.1153, 0.1566

Inverse Universe

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



19.9138, 14.7699, 16.2695



32.6872, 22.0473, 23.3701



19.9580, 24.6168, 35.5979



6.7197, 6.6808, 7.3751



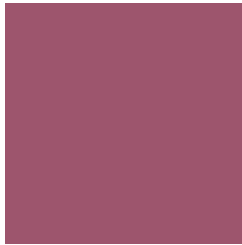
11.8183, 6.0319, 3.2941



0.2299, 0.1153, 0.1566

Previews

White Background



This preview shows how the XYZ color 19.9134, 14.7692, 16.2692 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 19.9134, 14.7692, 16.2692 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

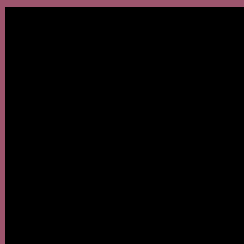
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 19.9134, 14.7692, 16.2692

Background



This preview shows how black text looks on a background with the XYZ color 19.9134, 14.7692, 16.2692.



This preview shows how white text looks on a background with the XYZ color 19.9134, 14.7692,

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

19.9134, 14.7692, 16.2692

Protanopia

14.5962, 14.9238, 20.5236

Deuteranopia

15.1596, 14.8632, 15.7056



Tritanopia

19.2204, 14.8555, 12.4440

Trichromacy



Original Color

19.9134, 14.7692, 16.2692

Protanomaly

15.9849, 14.4931, 18.7846

Deuteranomaly

16.6014, 14.5975, 15.8525

Tritanomaly

19.3706, 14.7852, 13.6373

Monochromacy



Original Color

19.9134, 14.7692, 16.2692

Achromatopsia

14.5356, 15.2926, 16.6537

Achromatomaly

15.9217, 14.6541, 16.4574

CSS Examples

Text

The CSS property to change the color of the text to XYZ 19.9134, 14.7692, 16.2692 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(157, 85, 109)` looks like.

```
.text, #text, p{  
    color:rgb(157, 85, 109)  
}
```

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(157, 85, 109) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(157, 85, 109) }
```

Border

The CSS property to change the border of an element to XYZ 19.9134, 14.7692, 16.2692 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(157, 85, 109) }
```


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

```
.border{ border-color:rgb(157, 85, 109) }
```

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

Here you see how a box with a 4 pixel rgb(157, 85, 109) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(157, 85, 109); -webkit-box-  
shadow:4px 4px 4px 4px rgb(157, 85, 109);  
box-shadow:4px 4px 4px 4px rgb(157, 85,  
109) }
```

Background

The CSS property to change the background color of an element to XYZ 19.9134, 14.7692, 16.2692 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(157, 85, 109) }
```

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

```
.background{ background-color: rgb(157, 85,  
109) }
```

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