

Converting Colors

XYZ(17.0757, 14.5154, 19.6755)

Have a look what the booklet for
XYZ(17.0757, 14.5154, 19.6755)
contains.

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Color

**XYZ(16.9981, 14.4460,
19.6618)**

Conversions

Conversions Part 1

Format	Color
Hex	845F78
RGB	132, 95, 120
RGB Percent	52%, 37%, 47%
CMY	0.4824, 0.6274, 0.5294
CMYK	0.00, 0.28, 0.09, 0.48
HSL	319°, 16%, 45%
HSV	319°, 28%, 52%
XYZ	16.9981, 14.4460, 19.6618
YIQ	108.9130, 14.0270, 15.6190

Conversions

Conversions Part 2

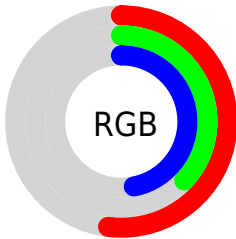
Format	Color
R_{YB}	132, 95, 120
Decimal	8675192
CIE Lab	44.87, 19.35, -8.10
CIE LCh	45, 20.978, 337.276
Yxy	14.4460, 0.3326, 0.2827
Android (android.graphics.Color)	4286865272 (0xFF845F78)
YUV	108.9130, 5.4659, 20.2473
Hunter-Lab	38.0079, 13.3159, -4.0657

Details

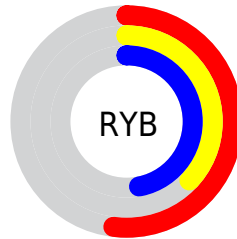
The XYZ color **16.9981, 14.4460, 19.6618** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **15.6250, 19.9974, 16.9471**, and the grayscale version is **14.4937, 15.2485, 16.6057**.

A 20% lighter version of the original color is **37.9750, 33.9754, 43.5861**, and **5.7063, 4.3756, 6.6747** is the 20% darker color. If you saturate the color by 10%, you get **15.6544, 12.1649, 17.9605**, and if you desaturate by 10%, it is **18.5558, 17.1360, 21.4920**.

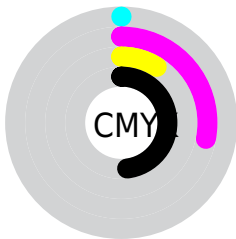
Distribution



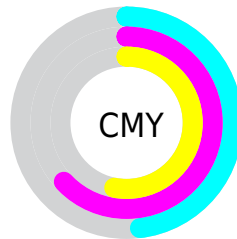
- Red (52%)
- Green (37%)
- Blue (47%)



- Red (52%)
- Yellow (37%)
- Blue (47%)



- Cyan (0%)
- Magenta (28%)
- Yellow (9%)
- Black (48%)



- Cyan (48%)
- Magenta (63%)
- Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 16.9981, 14.4460, 19.6618 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 16.9981, 14.4460, 19.6618 by changing the saturation by 10% instead.

■ 16.9981, 14.4460,
19.6618

■ 16.9981, 14.4460,
19.6618

228.3179,
219.9880, 262.6217

■ 10.3284, 8.4315,
11.9678

■ 37.8661, 33.8783,
43.7009

■ 5.6812, 4.3723,
6.5995

■ 52.7952, 48.0649,
60.8831

■ 2.6910, 1.8839,
3.1383

■ 71.2081, 65.7444,
82.0652

■ 0.9926, 0.5387,
1.1657

■ 93.4703, 87.3011,
107.6656

■ 0.0000, 0.0000,
0.0000

119.9469,
113.1194, 138.1029

151.0035,

143.5837, 173.7957

187.0054,
179.0785, 215.1624

■ 16.9981, 14.4460,
19.6618

■ 16.9981, 14.4460,
19.6618

■ 15.6544, 12.1649,
17.9605

■ 18.5558, 17.1360,
21.4920

■ 14.5130, 10.2705,
16.3832

■ 20.3358, 20.2519,
23.4543

■ 13.5633, 8.7412,
14.9255

■ 22.3475, 23.8122,
25.5525

■ 12.7929, 7.5527,
13.5827

■ 24.5993, 27.8335,
27.7903

■ 12.1880, 6.6776,
12.3494

■ 27.0994, 32.3318,
30.1710

■ 11.7327, 6.0841,
11.2193

■ 29.8554, 37.3220,
32.6978

■ 11.3909, 5.7008,
10.1798

■ 32.8745, 42.8188,
35.3738

■ 11.3269, 5.6300,
9.9821

■ 36.1639, 48.8358,
38.2021

■ 39.7303, 55.3865,
41.1855

Harmonies

Analogous

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



15.8235, 14.4460, 24.4926



16.9981, 14.4460, 19.6618



17.2637, 14.4460, 14.5646

Triad

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



16.9981, 14.4460, 19.6618



13.3176, 14.4460, 8.1050



11.2728, 14.4460, 22.1619

Complementary

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



16.9981, 14.4460, 19.6618



15.6250, 19.9974, 16.9471

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.



10.7156, 14.4460, 16.9544



16.9981, 14.4460, 19.6618



11.8307, 14.4460, 9.3538

Square

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



16.9981, 14.4460, 19.6618



15.0426, 14.4460, 8.5342



10.9110, 14.4460, 12.3595



12.4970, 14.4460, 26.1328

Rectangle

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



16.9981, 14.4460, 19.6618



16.8710, 14.4460, 11.7903



10.9110, 14.4460, 12.3595



11.0061, 14.4460, 20.4602

Sweetspot

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



16.9985, 14.4466, 19.6621



35.7710, 35.5852, 41.2605



14.2871, 12.9593, 23.5784



8.2249, 8.1032, 9.4951



64.0503, 67.3860, 73.3833



8.9945, 9.4630, 10.3052

Same Dimension

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



16.9985, 14.4466, 19.6621



28.3087, 22.6654, 32.5925



15.9960, 14.0456, 14.3828



4.7953, 4.7378, 5.5346



10.9696, 5.4522, 9.6783



0.0414, 0.0202, 0.0512

Inverse Universe

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



16.9985, 14.4466, 19.6621



28.3087, 22.6654, 32.5925



16.6866, 20.4220, 22.5374



4.7953, 4.7378, 5.5346



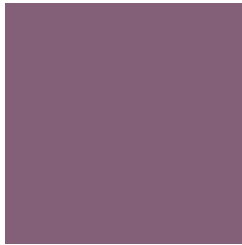
10.9696, 5.4522, 9.6783



0.0414, 0.0202, 0.0512

Previews

White Background



This preview shows how the XYZ color 16.9981, 14.4460, 19.6618 looks on a white background.

Color Contrast Check

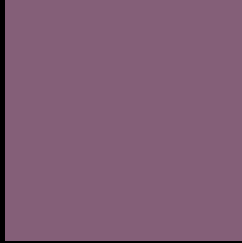
Large Text (above 18pt) WCAG AA ✓ Pass

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 16.9981, 14.4460, 19.6618 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 16.9981, 14.4460, 19.6618

Background



This preview shows how black text looks on a background with the XYZ color 16.9981, 14.4460, 19.6618.



This preview shows how white text looks on a background with the XYZ color 16.9981, 14.4460,

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

16.9981, 14.4460, 19.6618

Protanopia

14.3618, 14.4602, 22.1128

Deuteranopia

14.7759, 14.5881, 19.1766



Tritanopia

16.1234, 14.5011, 15.3138

Trichromacy



Original Color

16.9981, 14.4460, 19.6618

Protanomaly

15.1018, 14.2733, 21.0279

Deuteranomaly

15.5912, 14.5612, 19.4416

Tritanomaly

16.4492, 14.5005, 16.6838

Monochromacy



Original Color

16.9981, 14.4460, 19.6618

Achromatopsia

14.5356, 15.2926, 16.6537

Achromatomaly

15.2671, 14.8748, 17.6892

CSS Examples

Text

The CSS property to change the color of the text to XYZ 16.9981, 14.4460, 19.6618 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(132, 95, 120)` looks like.

```
.text, #text, p{  
    color:rgb(132, 95, 120)  
}
```

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(132, 95, 120) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(132, 95, 120) }
```

Border

The CSS property to change the border of an element to XYZ 16.9981, 14.4460, 19.6618 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(132, 95, 120) }
```


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

```
.border{ border-color:rgb(132, 95, 120) }
```

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

Here you see how a box with a 4 pixel rgb(132, 95, 120) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(132, 95, 120); -webkit-box-  
shadow:4px 4px 4px 4px rgb(132, 95, 120);  
box-shadow:4px 4px 4px 4px rgb(132, 95,  
120) }
```

Background

The CSS property to change the background color of an element to XYZ 16.9981, 14.4460, 19.6618 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(132, 95, 120) }
```

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

```
.background{ background-color: rgb(132, 95,  
120) }
```

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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