

Converting Colors

XYZ(16.7499, 14.5417, 15.9236)

Have a look what the booklet for
XYZ(16.7499, 14.5417, 15.9236)
contains.

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Color

**XYZ(16.6682, 14.4956,
15.8293)**

Conversions

Conversions Part 1

Format	Color
Hex	86606B
RGB	134, 96, 107
RGB Percent	53%, 38%, 42%
CMY	0.4745, 0.6235, 0.5804
CMYK	0.00, 0.28, 0.20, 0.47
HSL	343°, 17%, 45%
HSV	343°, 28%, 53%
XYZ	16.6682, 14.4956, 15.8293
YIQ	108.6160, 19.1170, 11.4770

Conversions

Conversions Part 2

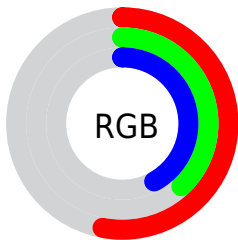
Format	Color
RYB	134, 96, 107
Decimal	8806507
CIELab	44.94, 17.22, -0.10
CIELCh	45, 17.216, 359.660
Yxy	14.4956, 0.3547, 0.3085
Android (android.graphics.Color)	4286996587 (0xFF86606B)
YUV	108.6160, -0.7967, 22.2618
Hunter-Lab	38.0731, 11.5185, 2.0007

Details

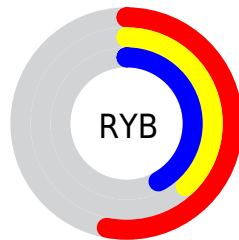
The XYZ color **16.6682, 14.4956, 15.8293** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **16.9247, 20.9674, 21.8950**, and the grayscale version is **14.4259, 15.1772, 16.5279**.

A 20% lighter version of the original color is **37.3443, 34.0274, 36.9474**, and **5.4812, 4.3619, 4.8280** is the 20% darker color. If you saturate the color by 10%, you get **15.0746, 12.0664, 12.9612**, and if you desaturate by 10%, it is **18.5262, 17.3651, 19.0581**.

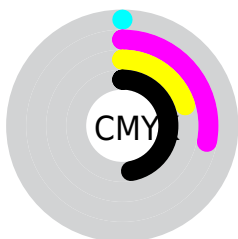
Distribution



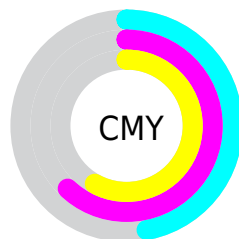
- Red (53%)
- Green (38%)
- Blue (42%)



- Red (53%)
- Yellow (38%)
- Blue (42%)



- Cyan (0%)
- Magenta (28%)
- Yellow (20%)
- Black (47%)



- Cyan (47%)
- Magenta (62%)
- Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 16.6682, 14.4956, 15.8293 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 16.6682, 14.4956, 15.8293 by changing the saturation by 10% instead.

■ 16.6682, 14.4956,
15.8293

■ 16.6682, 14.4956,
15.8293

226.4467,
220.2926, 240.1436

■ 10.0920, 8.4662,
9.2504

■ 37.3026, 33.9658,
37.0643

■ 5.5228, 4.3947,
4.8058

■ 52.0915, 48.1754,
52.5574

■ 2.5950, 1.8967,
2.0771

■ 70.3487, 65.8806,
71.8590

■ 0.9434, 0.5464,
0.6021

■ 92.4396, 87.4656,
95.3877

■ 0.0000, 0.0000,
0.0000

118.7294,
113.3149, 123.5620

149.5837,

143.8129, 156.8003

185.3677,
179.3440, 195.5213

■ 16.6682, 14.4956,
15.8293

■ 16.6682, 14.4956,
15.8293

■ 15.0746, 12.0664,
12.9612

■ 18.5262, 17.3651,
19.0581

■ 13.7319, 10.0535,
10.4400

■ 20.6589, 20.6931,
22.6589

■ 12.6270, 8.4340,
8.2522

■ 23.0775, 24.4993,
26.6436

■ 11.7454, 7.1816,
6.3833

■ 25.7923, 28.8018,
31.0234

■ 11.0706, 6.2671,
4.8173

■ 28.8130, 33.6174,
35.8088

■ 10.5839, 5.6565,
3.5369

■ 32.1488, 38.9626,
41.0102

■ 10.2444, 5.2718,
2.5163

■ 35.8087, 44.8527,
46.6373

■ 10.1942, 5.2134,
2.3696

■ 39.8010, 51.3026,
52.6998

■ 44.1342, 58.3267,
59.2067

Harmonies

Analogous

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



16.2505, 14.4956, 20.0358



16.6682, 14.4956, 15.8293



16.2685, 14.4956, 12.2467

Triad

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



16.6682, 14.4956, 15.8293



12.4800, 14.4956, 9.9555



12.4540, 14.4956, 23.4711

Complementary

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



16.6682, 14.4956, 15.8293



16.9247, 20.9674, 21.8950

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.



11.5550, 14.4956, 19.9425



16.6682, 14.4956, 15.8293



11.5693, 14.4956, 12.1795

Square

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



16.6682, 14.4956, 15.8293



13.7937, 14.4956, 9.2264



11.2422, 14.4956, 15.7373



13.7616, 14.4956, 24.8827

Rectangle

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



16.6682, 14.4956, 15.8293



15.6068, 14.4956, 10.5772



11.2422, 14.4956, 15.7373



12.0973, 14.4956, 22.4666

Sweetspot

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



16.6686, 14.4963, 15.8296



36.0632, 35.9331, 39.3625



16.5977, 14.2692, 24.4338



8.0130, 7.9205, 8.6810



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.



16.6686, 14.4963, 15.8296



27.5209, 22.7174, 24.5878



16.8535, 15.7338, 13.2158



4.7239, 4.7093, 5.1585



9.5577, 4.8874, 2.2430



0.0360, 0.0181, 0.0228

Inverse Universe

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



16.6686, 14.4963, 15.8296



27.5209, 22.7174, 24.5878



16.6395, 19.2327, 25.3896



4.7239, 4.7093, 5.1585



9.5577, 4.8874, 2.2430



0.0360, 0.0181, 0.0228

Previews

White Background



This preview shows how the XYZ color 16.6682, 14.4956, 15.8293 looks on a white background.

Color Contrast Check

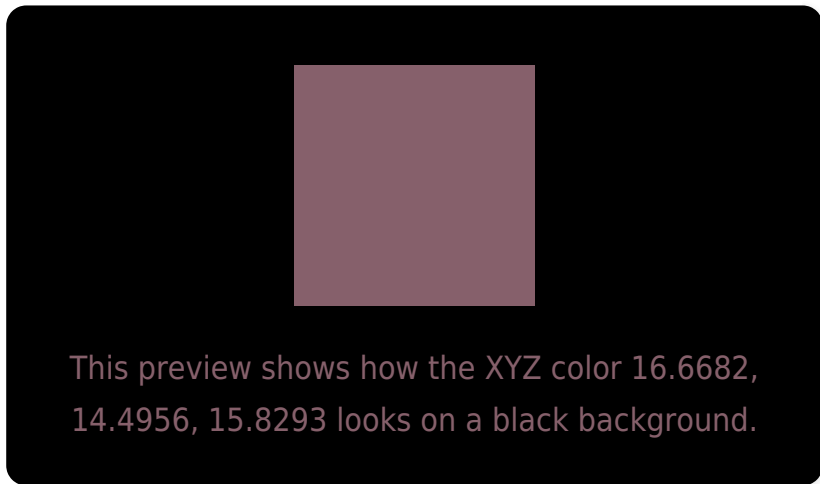
Large Text (above 18pt) WCAG AA ✓ Pass

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

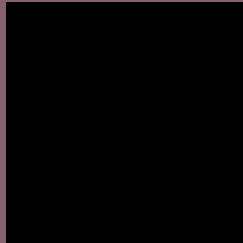
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 16.6682, 14.4956, 15.8293

Background



This preview shows how black text looks on a background with the XYZ color 16.6682, 14.4956, 15.8293.



This preview shows how white text looks on a background with the XYZ color 16.6682, 14.4956,

15.8293.

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

16.6682, 14.4956, 15.8293

Protanopia

14.1981, 14.6261, 17.6976

Deuteranopia

14.7879, 14.5230, 15.6595



Tritanopia

16.6049, 14.6172, 15.0429

Trichromacy



Original Color

16.6682, 14.4956, 15.8293

Protanomaly

14.9567, 14.4323, 17.0363

Deuteranomaly

15.3271, 14.3659, 15.6007

Tritanomaly

16.6560, 14.6376, 15.3121

Monochromacy



Original Color

16.6682, 14.4956, 15.8293

Achromatopsia

14.5356, 15.2926, 16.6537

Achromatomaly

15.1283, 14.8349, 16.2534

CSS Examples

Text

The CSS property to change the color of the text to XYZ 16.6682, 14.4956, 15.8293 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(134, 96, 107)` looks like.

```
.text, #text, p{  
  color:rgb(134, 96, 107)  
}
```

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(134, 96, 107) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(134, 96, 107) }
```

Border

The CSS property to change the border of an element to XYZ 16.6682, 14.4956, 15.8293 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(134, 96, 107) }
```


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

```
.border{ border-color:rgb(134, 96, 107) }
```

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

Here you see how a box with a 4 pixel `rgb(134, 96, 107)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(134, 96, 107); -webkit-box-  
shadow:4px 4px 4px 4px rgb(134, 96, 107);  
box-shadow:4px 4px 4px 4px rgb(134, 96,  
107) }
```

Background

The CSS property to change the background color of an element to XYZ 16.6682, 14.4956, 15.8293 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(134, 96, 107) }
```

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

```
.background{ background-color: rgb(134, 96,  
107) }
```

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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