

Converting Colors

XYZ(15.6607, 12.4910, 14.6823)

Have a look what the booklet for
XYZ(15.6607, 12.4910, 14.6823)
contains.

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Color

**XYZ(15.6607, 12.4910,
14.6823)**

Conversions

Conversions Part 1

Format	Color
Hex	875468
RGB	135, 84, 104
RGB Percent	53%, 33%, 41%
CMY	0.4706, 0.6706, 0.5922
CMYK	0.00, 0.38, 0.23, 0.47
HSL	336°, 23%, 43%
HSV	336°, 38%, 53%
XYZ	15.6607, 12.4910, 14.6823
YIQ	101.5290, 23.9760, 17.0320

Conversions

Conversions Part 2

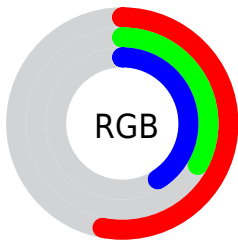
Format	Color
R_{YB}	135, 84, 104
Decimal	8868968
CIE _{Lab}	41.99, 24.17, -2.58
CIE _{LCh}	42, 24.309, 353.900
Yxy	12.4910, 0.3656, 0.2916
Android (android.graphics.Color)	4287059048 (0xFF875468)
YUV	101.5290, 1.2182, 29.3541
Hunter-Lab	35.3426, 17.2458, 0.1091

Details

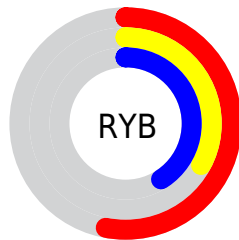
The XYZ color **15.6607, 12.4910, 14.6823** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **15.4152, 20.4509, 19.3556**, and the grayscale version is **12.4995, 13.1504, 14.3208**.

A 20% lighter version of the original color is **35.4278, 30.2356, 34.9791**, and **5.0562, 3.5034, 4.2806** is the 20% darker color. If you saturate the color by 10%, you get **14.3154, 10.4352, 12.2764**, and if you desaturate by 10%, it is **17.2493, 14.9681, 17.3697**.

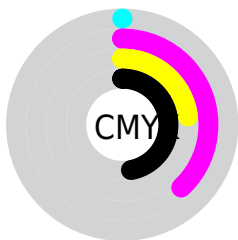
Distribution



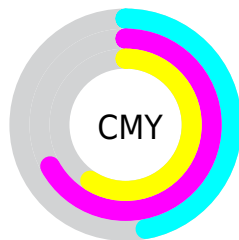
- Red (53%)
- Green (33%)
- Blue (41%)



- Red (53%)
- Yellow (33%)
- Blue (41%)



- Cyan (0%)
- Magenta (38%)
- Yellow (23%)
- Black (47%)



- Cyan (47%)
- Magenta (67%)
- Yellow (59%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 15.6607, 12.4910, 14.6823 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 15.6607, 12.4910, 14.6823 by changing the saturation by 10% instead.

■ 15.6607, 12.4910,
14.6823

■ 15.6607, 12.4910,
14.6823

220.6411,
207.6293, 233.0093

■ 9.3737, 7.0790,
8.4526

■ 35.5704, 30.3863,
35.0293

■ 5.0448, 3.5116,
4.2940

■ 49.9238, 43.6383,
49.9836

■ 2.3086, 1.4043,
1.7880

■ 67.6967, 60.2725,
68.6832

■ 0.7991, 0.2199,
0.4200

■ 89.2544, 80.6732,
91.5466

■ 0.0000, 0.0000,
0.0000

■ 114.9624,
105.2248, 118.9924

145.1859,

134.3118, 151.4390

180.2904,
168.3185, 189.3052

■ 15.6607, 12.4910,
14.6823

■ 15.6607, 12.4910,
14.6823

■ 14.3154, 10.4352,
12.2764

■ 17.2493, 14.9681,
17.3697

■ 13.1995, 8.7753,
10.1414

■ 19.0919, 17.8867,
20.3473

■ 12.2993, 7.4856,
8.2668


■ 21.1999, 21.2676,
23.6243


■ 11.5991, 6.5368,
6.6412


■ 23.5836, 25.1301,
27.2091


■ 11.0809, 5.8951,
5.2519


■ 26.2529, 29.4919,
31.1100


 10.7083, 5.4897,
4.0799

 29.2170, 34.3703,
35.3347

 10.6329, 5.4074,
3.8439

 32.4849, 39.7815,
39.8908

 36.0650, 45.7409,
44.7856

 39.9654, 52.2636,
50.0261

Harmonies

Analogous

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



14.8970, 12.4910, 20.3234



15.6607, 12.4910, 14.6823



15.3294, 12.4910, 9.9641

Triad

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



15.6607, 12.4910, 14.6823



10.5234, 12.4910, 6.3972



9.9460, 12.4910, 23.2947

Complementary

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



15.6607, 12.4910, 14.6823



15.4152, 20.4509, 19.3556

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.



8.9785, 12.4910, 18.0290



15.6607, 12.4910, 14.6823



9.2875, 12.4910, 8.5526

Square

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



15.6607, 12.4910, 14.6823



12.2443, 12.4910, 5.9286



8.7502, 12.4910, 12.5733



11.5080, 12.4910, 26.0427

Rectangle

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



15.6607, 12.4910, 14.6823



14.5474, 12.4910, 7.8160



8.7502, 12.4910, 12.5733



9.5471, 12.4910, 21.7049

Sweetspot

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



15.6611, 12.4916, 14.6826



36.5994, 35.8886, 40.2078



14.5617, 11.7083, 24.4143



8.3738, 8.1473, 9.1533



65.7814, 69.2071, 75.3665



9.5508, 10.0482, 10.9424

Same Dimension

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



15.6611, 12.4916, 14.6826



26.0313, 19.2855, 22.7105



15.1731, 12.9530, 10.0887



4.7426, 4.7167, 5.2568



9.8110, 4.9888, 3.5773



0.0374, 0.0186, 0.0303

Inverse Universe

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



15.6611, 12.4916, 14.6826



26.0313, 19.2855, 22.7105



15.9991, 19.5731, 25.8566



4.7426, 4.7167, 5.2568



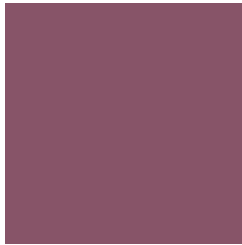
9.8110, 4.9888, 3.5773



0.0374, 0.0186, 0.0303

Previews

White Background



This preview shows how the XYZ color 15.6607, 12.4910, 14.6823 looks on a white background.

Color Contrast Check

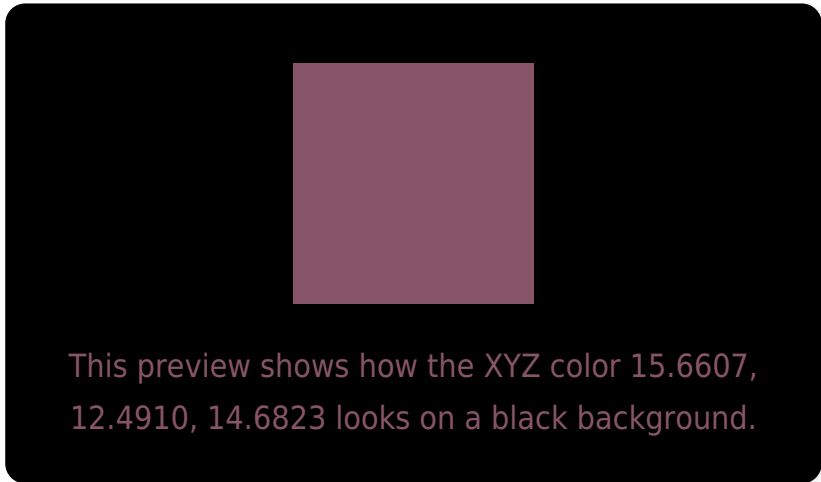
Large Text (above 18pt) WCAG AA ✓ Pass

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

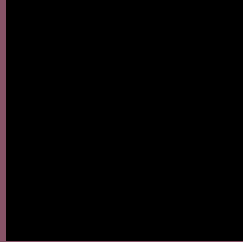
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 15.6607, 12.4910, 14.6823

Background



This preview shows how black text looks on a background with the XYZ color 15.6607, 12.4910, 14.6823.



This preview shows how white text looks on a background with the XYZ color 15.6607, 12.4910,

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

15.6607, 12.4910, 14.6823

Protanopia

12.3722, 12.6573, 17.4138

Deuteranopia

12.7655, 12.5132, 14.3128



Tritanopia

15.1351, 12.5142, 11.9737

Trichromacy



Original Color

15.6607, 12.4910, 14.6823

Protanomaly

13.3727, 12.5107, 16.4618

Deuteranomaly

13.7465, 12.4851, 14.5173

Tritanomaly

15.2377, 12.4284, 12.9051

Monochromacy



Original Color

15.6607, 12.4910, 14.6823

Achromatopsia

12.6291, 13.2868, 14.4694

Achromatomaly

13.4798, 12.7411, 14.5808

CSS Examples

Text

The CSS property to change the color of the text to XYZ 15.6607, 12.4910, 14.6823 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(135, 84, 104)` looks like.

```
.text, #text, p{  
    color:rgb(135, 84, 104)  
}
```

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(135, 84, 104) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(135, 84, 104) }
```

Border

The CSS property to change the border of an element to XYZ 15.6607, 12.4910, 14.6823 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(135, 84, 104) }
```


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

```
.border{ border-color:rgb(135, 84, 104) }
```

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

Here you see how a box with a 4 pixel `rgb(135, 84, 104)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(135, 84, 104); -webkit-box-  
shadow:4px 4px 4px 4px rgb(135, 84, 104);  
box-shadow:4px 4px 4px 4px rgb(135, 84,  
104) }
```

Background

The CSS property to change the background color of an element to XYZ 15.6607, 12.4910, 14.6823 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(135, 84, 104) }
```

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

```
.background{ background-color: rgb(135, 84,  
104) }
```

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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