

Converting Colors

XYZ(15.9614, 12.9372, 17.5756)

Have a look what the booklet for
XYZ(15.9614, 12.9372, 17.5756)
contains.

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Color

**XYZ(15.9612, 12.9368,
17.5754)**

Conversions

Conversions Part 1

Format	Color
Hex	845772
RGB	132, 87, 114
RGB Percent	52%, 34%, 45%
CMY	0.4823, 0.6588, 0.5529
CMYK	0.00, 0.34, 0.14, 0.48
HSL	324°, 21%, 43%
HSV	324°, 34%, 52%
XYZ	15.9612, 12.9368, 17.5754
YIQ	103.5330, 18.1530, 17.9370

Conversions

Conversions Part 2

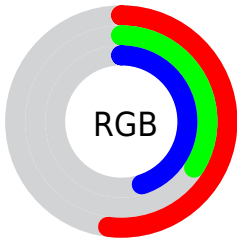
Format	Color
R_{YB}	132, 87, 114
Decimal	8673138
CIE _{Lab}	42.67, 22.98, -7.74
CIE _{LCh}	43, 24.245, 341.372
Yxy	12.9368, 0.3434, 0.2784
Android (android.graphics.Color)	4286863218 (0xFF845772)
YUV	103.5330, 5.1602, 24.9656
Hunter-Lab	35.9678, 16.2683, -3.7942

Details

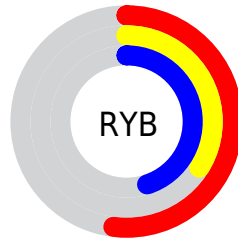
The XYZ color **15.9612, 12.9368, 17.5754** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **14.7321, 19.5491, 16.3624**, and the grayscale version is **13.0171, 13.6950, 14.9139**.

A 20% lighter version of the original color is **36.0783, 31.0836, 40.1746**, and **5.1355, 3.6603, 5.5901** is the 20% darker color. If you saturate the color by 10%, you get **14.6968, 10.8750, 15.7136**, and if you desaturate by 10%, it is **17.4392, 15.3976, 19.5943**.

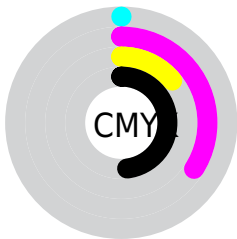
Distribution



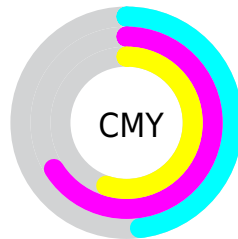
- Red (52%)
- Green (34%)
- Blue (45%)



- Red (52%)
- Yellow (34%)
- Blue (45%)



- Cyan (0%)
- Magenta (34%)
- Yellow (14%)
- Black (48%)



- Cyan (48%)
- Magenta (66%)
- Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 15.9612, 12.9368, 17.5754 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 15.9612, 12.9368, 17.5754 by changing the saturation by 10% instead.

15.9612, 12.9368,
17.5754

15.9612, 12.9368,
17.5754

222.3876,
210.5122, 250.6220

9.5874, 7.3850,
10.4793

36.0888, 31.1902,
40.1166

5.1864, 3.7040,
5.6082

50.5733, 44.6606,
56.3988

2.3929, 1.5094,
2.5434

68.4921, 61.5394,
76.5801

0.8416, 0.2953,
0.8630

90.2105, 82.2109,
101.0790

0.0000, 0.0000,
0.0000

116.0939,
107.0595, 130.3141

146.5076,

136.4697, 164.7040

181.8171,
170.8258, 204.6671

■ 15.9612, 12.9368,
17.5754

■ 15.9612, 12.9368,
17.5754

■ 14.6968, 10.8750,
15.7136

■ 17.4392, 15.3976,
19.5943

■ 13.6338, 9.1890,
14.0031

■ 19.1398, 18.2755,
21.7742

■ 12.7607, 7.8558,
12.4386


■ 21.0727, 21.5895,
24.1200

■ 12.0641, 6.8494,
11.0141


■ 23.2470, 25.3570,
26.6359


■ 11.5289, 6.1400,
9.7231


■ 25.6710, 29.5945,
29.3261


 11.1357, 5.6890,
8.5575

 28.3527, 34.3175,
32.1945

 10.9343, 5.4730,
7.9149

 31.2999, 39.5410,
35.2449

 34.5197, 45.2791,
38.4810

 38.0193, 51.5455,
41.9063

Harmonies

Analogous

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



14.7849, 12.9368, 23.1363



15.9612, 12.9368, 17.5754



16.0994, 12.9368, 12.1817

Triad

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



15.9612, 12.9368, 17.5754



11.6118, 12.9368, 6.3066



9.8283, 12.9368, 21.8972

Complementary

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



15.9612, 12.9368, 17.5754



14.7321, 19.5491, 16.3624

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.



9.1444, 12.9368, 16.1791



15.9612, 12.9368, 17.5754



10.1035, 12.9368, 7.7702

Square

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



15.9612, 12.9368, 17.5754



13.4607, 12.9368, 6.5027



9.2399, 12.9368, 11.0920



11.2006, 12.9368, 26.0294

Rectangle

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



15.9612, 12.9368, 17.5754



15.5696, 12.9368, 9.4435



9.2399, 12.9368, 11.0920



9.5168, 12.9368, 20.0444

Sweetspot

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



15.9616, 12.9374, 17.5757



34.9810, 34.3557, 39.9170



13.3993, 11.4862, 23.3409



8.0510, 7.8390, 9.1792



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.



15.9616, 12.9374, 17.5757



26.3413, 19.8879, 28.3691



14.8344, 12.4865, 11.6399



4.7811, 4.7321, 5.4595



10.5897, 5.3002, 7.6777



0.0403, 0.0198, 0.0456

Inverse Universe

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



15.9616, 12.9374, 17.5757



26.3413, 19.8879, 28.3691



16.0456, 20.0745, 23.2794



4.7811, 4.7321, 5.4595



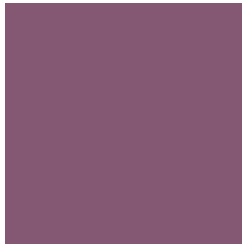
10.5897, 5.3002, 7.6777



0.0403, 0.0198, 0.0456

Previews

White Background



This preview shows how the XYZ color 15.9612, 12.9368, 17.5754 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 15.9612, 12.9368, 17.5754 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 15.9612, 12.9368, 17.5754

Background



This preview shows how black text looks on a background with the XYZ color 15.9612, 12.9368, 17.5754.



This preview shows how white text looks on a background with the XYZ color 15.9612, 12.9368,

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

15.9612, 12.9368, 17.5754

Protanopia

12.9562, 13.0312, 20.5713

Deuteranopia

13.2362, 12.9694, 17.1350



Tritanopia

15.0198, 12.9212, 13.0117

Trichromacy



Original Color

15.9612, 12.9368, 17.5754

Protanomaly

13.7890, 12.7917, 19.5116

Deuteranomaly

14.0536, 12.8425, 17.3609

Tritanomaly

15.3806, 12.9493, 14.5208

Monochromacy



Original Color

15.9612, 12.9368, 17.5754

Achromatopsia

13.1579, 13.8432, 15.0752

Achromatomaly

14.0139, 13.3955, 16.0343

CSS Examples

Text

The CSS property to change the color of the text to XYZ 15.9612, 12.9368, 17.5754 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, 87, 114)` looks like.

```
.text, #text, p{  
    color:rgb(132, 87, 114)  
}
```

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, 87, 114) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(132, 87, 114) }
```

Border

The CSS property to change the border of an element to XYZ 15.9612, 12.9368, 17.5754 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, 87, 114) }
```


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

```
.border{ border-color:rgb(132, 87, 114) }
```

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

Here you see how a box with a 4 pixel `rgb(132, 87, 114)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(132, 87, 114); -webkit-box-  
shadow:4px 4px 4px 4px rgb(132, 87, 114);  
box-shadow:4px 4px 4px 4px rgb(132, 87,  
114) }
```

Background

The CSS property to change the background color of an element to XYZ 15.9612, 12.9368, 17.5754 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(132, 87, 114) }
```

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

```
.background{ background-color: rgb(132, 87,  
114) }
```

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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