

Converting Colors

XYZ(15.2581, 12.5001, 12.8124)

Have a look what the booklet for
XYZ(15.2581, 12.5001, 12.8124)
contains.

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Color

**XYZ(15.3170, 12.5870,
12.9315)**

Conversions

Conversions Part 1

Format	Color
Hex	865661
RGB	134, 86, 97
RGB Percent	53%, 34%, 38%
CMY	0.4745, 0.6627, 0.6196
CMYK	0.00, 0.36, 0.28, 0.47
HSL	346°, 22%, 43%
HSV	346°, 36%, 53%
XYZ	15.3170, 12.5870, 12.9315
YIQ	101.6060, 25.0770, 13.5970

Conversions

Conversions Part 2

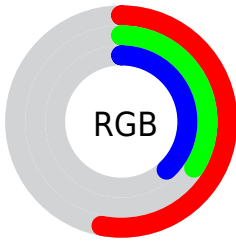
Format	Color
R_{YB}	134, 86, 97
Decimal	8803937
CIE _{Lab}	42.13, 21.51, 1.92
CIE _{LCh}	42, 21.599, 5.107
Yxy	12.5870, 0.3751, 0.3082
Android (android.graphics.Color)	4286994017 (0xFF865661)
YUV	101.6060, -2.2708, 28.4095
Hunter-Lab	35.4782, 14.9771, 3.2240

Details

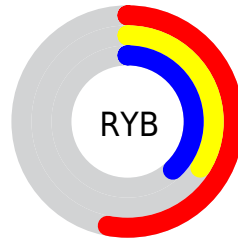
The XYZ color **15.3170, 12.5870, 12.9315** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **15.9386, 20.4590, 21.8489**, and the grayscale version is **12.5281, 13.1805, 14.3536**.

A 20% lighter version of the original color is **34.8885, 30.4378, 32.0532**, and **4.9236, 3.5956, 3.5665** is the 20% darker color. If you saturate the color by 10%, you get **13.8950, 10.4643, 10.2339**, and if you desaturate by 10%, it is **17.0030, 15.1372, 16.0269**.

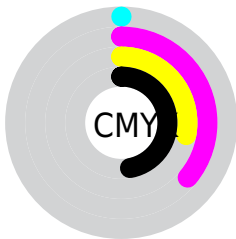
Distribution



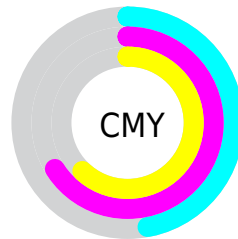
- Red (53%)
- Green (34%)
- Blue (38%)



- Red (53%)
- Yellow (34%)
- Blue (38%)



- Cyan (0%)
- Magenta (36%)
- Yellow (28%)
- Black (47%)



- Cyan (47%)
- Magenta (66%)
- Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 15.3170, 12.5870, 12.9315 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 15.3170, 12.5870, 12.9315 by changing the saturation by 10% instead.

■ 15.3170, 12.5870,
12.9315

■ 15.3170, 12.5870,
12.9315

218.6275,
208.2536, 221.6706

■ 9.1299, 7.1448,
7.2512

■ 34.9754, 30.5598,
31.8700

■ 4.8838, 3.5528,
3.5389

■ 49.1775, 43.8591,
45.9654

■ 2.2133, 1.4267,
1.3759

■ 66.7820, 60.5463,
63.7028

■ 0.7497, 0.2363,
0.1229

■ 88.1542, 81.0057,
85.5009

■ 0.0000, 0.0000,
0.0000

■ 113.6595,
105.6218, 111.7782

143.6633,

134.7788, 142.9532

178.5308,
168.8613, 179.4445

■ 15.3170, 12.5870,
12.9315

■ 15.3170, 12.5870,
12.9315

■ 13.8950, 10.4643,
10.2339

■ 17.0030, 15.1372,
16.0269

■ 12.7224, 8.7438,
7.9170

■ 18.9647, 18.1348,
19.5347

■ 11.7846, 7.4005,
5.9633

■ 21.2141, 21.6005,
23.4699

■ 11.0651, 6.4057,
4.3539

■ 23.7625, 25.5532,
27.8462

■ 10.5450, 5.7264,
3.0678

■ 26.6203, 30.0108,
32.6770

■ 10.1961, 5.3115,
2.0796

■ 29.7976, 34.9904,
37.9749

■ 10.0750, 5.1657,
1.7419

■ 33.3038, 40.5080,
43.7521

■ 37.1481, 46.5791,
50.0203

■ 41.3394, 53.2187,
56.7909

Harmonies

Analogous

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



14.9949, 12.5870, 17.7830



15.3170, 12.5870, 12.9315



14.6770, 12.5870, 9.2152

Triad

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



15.3170, 12.5870, 12.9315



10.2712, 12.5870, 7.6597



10.7081, 12.5870, 23.4151

Complementary

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



15.3170, 12.5870, 12.9315



15.9386, 20.4590, 21.8489

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.



9.6070, 12.5870, 19.4580



15.3170, 12.5870, 12.9315



9.3711, 12.5870, 10.3038

Square

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



15.3170, 12.5870, 12.9315



11.6903, 12.5870, 6.6390



9.1392, 12.5870, 14.5090



12.2411, 12.5870, 24.5594

Rectangle

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



15.3170, 12.5870, 12.9315



13.8220, 12.5870, 7.6468



9.1392, 12.5870, 14.5090



10.2797, 12.5870, 22.3322

Sweetspot

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



15.3173, 12.5876, 12.9318



35.1633, 34.6415, 37.4960



15.7711, 12.5737, 24.1501



7.8234, 7.6526, 8.2746



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.



15.3173, 12.5876, 12.9318



24.9165, 19.0821, 18.8691



15.9546, 14.6267, 10.7872



4.7131, 4.7049, 5.1014



9.4454, 4.8425, 1.6516



0.0351, 0.0177, 0.0183

Inverse Universe

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



15.3173, 12.5876, 12.9318



24.9165, 19.0821, 18.8691



15.0030, 17.4236, 25.1267



4.7131, 4.7049, 5.1014



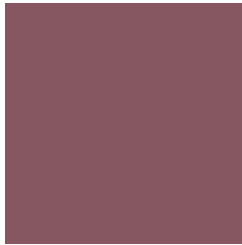
9.4454, 4.8425, 1.6516



0.0351, 0.0177, 0.0183

Previews

White Background



This preview shows how the XYZ color 15.3170, 12.5870, 12.9315 looks on a white background.

Color Contrast Check

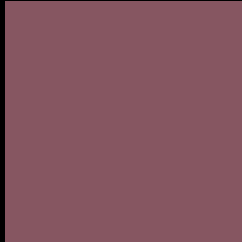
Large Text (above 18pt) WCAG AA ✓ Pass

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 15.3170, 12.5870, 12.9315 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 15.3170, 12.5870, 12.9315

Background



This preview shows how black text looks on a background with the XYZ color 15.3170, 12.5870, 12.9315.



This preview shows how white text looks on a background with the XYZ color 15.3170, 12.5870,

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

15.3170, 12.5870, 12.9315

Protanopia

12.2672, 12.6529, 15.1603

Deuteranopia

12.8040, 12.5715, 12.5782



Tritanopia

15.2155, 12.6750, 12.0005

Trichromacy



Original Color

15.3170, 12.5870, 12.9315

Protanomaly

13.0831, 12.4095, 14.2761

Deuteranomaly

13.5462, 12.4208, 12.7498

Tritanomaly

15.2601, 12.6929, 12.2353

Monochromacy



Original Color

15.3170, 12.5870, 12.9315

Achromatopsia

12.6291, 13.2868, 14.4694

Achromatomaly

13.4226, 12.8632, 13.8320

CSS Examples

Text

The CSS property to change the color of the text to XYZ 15.3170, 12.5870, 12.9315 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, 86, 97) looks like.

```
.text, #text, p{  
    color:rgb(134, 86, 97)  
}
```

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, 86, 97) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(134, 86, 97) }
```

Border

The CSS property to change the border of an element to XYZ 15.3170, 12.5870, 12.9315 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, 86, 97) }
```


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

```
.border{ border-color:rgb(134, 86, 97) }
```

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

Here you see how a box with a 4 pixel rgb(134, 86, 97) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(134, 86, 97); -webkit-box-  
shadow:4px 4px 4px 4px rgb(134, 86, 97);  
box-shadow:4px 4px 4px 4px rgb(134, 86,  
97) }
```

Background

The CSS property to change the background color of an element to XYZ 15.3170, 12.5870, 12.9315 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(134, 86, 97) }
```

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

```
.background{ background-color: rgb(134, 86,  
97) }
```

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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