

Converting Colors

XYZ(15.3616, 13.0064, 12.4550)

Have a look what the booklet for
XYZ(15.3616, 13.0064, 12.4550)
contains.

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Color

**XYZ(15.3108, 12.9575,
12.5206)**

Conversions

Conversions Part 1

Format	Color
Hex	85595F
RGB	133, 89, 95
RGB Percent	52%, 35%, 37%
CMY	0.4784, 0.6510, 0.6274
CMYK	0.00, 0.33, 0.29, 0.48
HSL	352°, 20%, 44%
HSV	352°, 33%, 52%
XYZ	15.3108, 12.9575, 12.5206
YIQ	102.8400, 24.2980, 11.1940

Conversions

Conversions Part 2

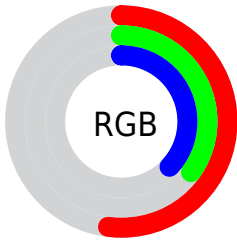
Format	Color
R _Y B	133, 89, 95
Decimal	8739167
CIE Lab	42.70, 19.04, 3.95
CIE LCh	43, 19.447, 11.716
Yxy	12.9575, 0.3754, 0.3177
Android (android.graphics.Color)	4286929247 (0xFF85595F)
YUV	102.8400, -3.8651, 26.4503
Hunter-Lab	35.9965, 12.9294, 4.5748

Details

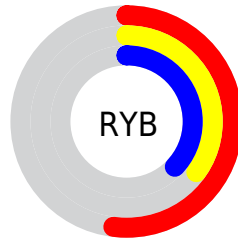
The XYZ color **15.3108, 12.9575, 12.5206** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **16.3386, 20.4315, 23.1621**, and the grayscale version is **12.8555, 13.5250, 14.7287**.

A 20% lighter version of the original color is **34.8370, 31.0744, 30.9499**, and **4.8979, 3.7433, 3.3701** is the 20% darker color. If you saturate the color by 10%, you get **13.8182, 10.7472, 9.6341**, and if you desaturate by 10%, it is **17.0811, 15.5998, 15.8799**.

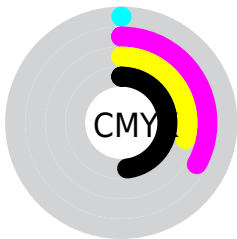
Distribution



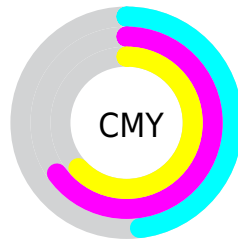
- Red (52%)
- Green (35%)
- Blue (37%)



- Red (52%)
- Yellow (35%)
- Blue (37%)



- Cyan (0%)
- Magenta (33%)
- Yellow (29%)
- Black (48%)



- Cyan (48%)
- Magenta (65%)
- Yellow (63%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 15.3108, 12.9575, 12.5206 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 15.3108, 12.9575, 12.5206 by changing the saturation by 10% instead.

■ 15.3108, 12.9575,
12.5206

■ 15.3108, 12.9575,
12.5206

218.5910,
210.6451, 218.9208

■ 9.1255, 7.3993,
6.9724

■ 34.9647, 31.2274,
31.1182

■ 4.8809, 3.7130,
3.3667

■ 49.1640, 44.7079,
45.0048

■ 2.2116, 1.5144,
1.2848

■ 66.7655, 61.5979,
62.5079

■ 0.7488, 0.2988,
0.0493

■ 88.1343, 82.2819,
84.0462

■ 0.0000, 0.0000,
0.0000

■ 113.6359,
107.1442, 110.0380

143.6357,

136.5693, 140.9021

178.4989,
170.9414, 177.0568

■ 15.3108, 12.9575,
12.5206

■ 15.3108, 12.9575,
12.5206

■ 13.8182, 10.7472,
9.6341

■ 17.0811, 15.5998,
15.8799

■ 12.5881, 8.9441,
7.1984

■ 19.1412, 18.6935,
19.7311

■ 11.6055, 7.5238,
5.1907

■ 21.5037, 22.2589,
24.0932

■ 10.8533, 6.4586,
3.5862

■ 24.1801, 26.3147,
28.9842

■ 10.3124, 5.7170,
2.3572

■ 27.1815, 30.8785,
34.4208

■ 9.9601, 5.2613,
1.4725

■ 30.5182, 35.9670,
40.4193

■ 9.7831, 5.0307,
1.0333

■ 34.2002, 41.5961,
46.9951

■ 38.2371, 47.7813,
54.1632

■ 42.6381, 54.5371,
61.9380

Harmonies

Analogous

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



15.2137, 12.9575, 16.8168



15.3108, 12.9575, 12.5206



14.5594, 12.9575, 9.3591

Triad

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



15.3108, 12.9575, 12.5206



10.5210, 12.9575, 8.8669



11.4461, 12.9575, 23.3253

Complementary

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



15.3108, 12.9575, 12.5206



16.3386, 20.4315, 23.1621

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.



10.3153, 12.9575, 20.2419



15.3108, 12.9575, 12.5206



9.8113, 12.9575, 11.7078

Square

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



15.3108, 12.9575, 12.5206



11.7480, 12.9575, 7.5495



9.7392, 12.9575, 15.8253



12.9014, 12.9575, 23.6641

Rectangle

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



15.3108, 12.9575, 12.5206



13.7109, 12.9575, 8.0902



9.7392, 12.9575, 15.8253



11.0186, 12.9575, 22.5506

Sweetspot

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



15.3112, 12.9581, 12.5209



35.4288, 35.2102, 37.4683



16.4697, 13.3049, 23.8904



7.8723, 7.7676, 8.2385



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.



15.3112, 12.9581, 12.5209



25.2851, 20.0420, 18.3051



16.4671, 15.6897, 11.6124



4.6965, 4.6983, 5.0143



9.3206, 4.7926, 0.9945



0.0338, 0.0172, 0.0115

Inverse Universe

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



15.3112, 12.9581, 12.5209



25.2851, 20.0420, 18.3051



14.7854, 16.6806, 24.6308



4.6965, 4.6983, 5.0143



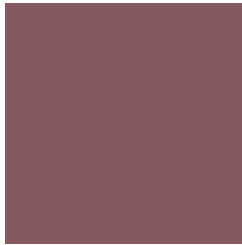
9.3206, 4.7926, 0.9945



0.0338, 0.0172, 0.0115

Previews

White Background



This preview shows how the XYZ color 15.3108, 12.9575, 12.5206 looks on a white background.

Color Contrast Check

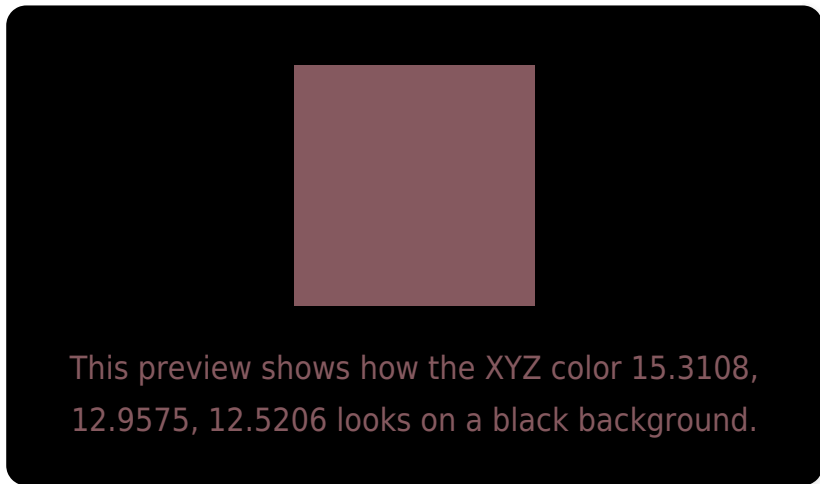
Large Text (above 18pt) WCAG AA ✓ Pass

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 15.3108, 12.9575, 12.5206

Background



This preview shows how black text looks on a background with the XYZ color 15.3108, 12.9575, 12.5206.



This preview shows how white text looks on a background with the XYZ color 15.3108, 12.9575,

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

15.3108, 12.9575, 12.5206

Protanopia

12.5962, 13.1305, 14.1825

Deuteranopia

13.2829, 13.1031, 12.1850



Tritanopia

15.3566, 12.9758, 12.7615

Trichromacy



Original Color

15.3108, 12.9575, 12.5206

Protanomaly

13.4663, 13.0276, 13.6092

Deuteranomaly

13.9977, 13.0575, 12.3723

Tritanomaly

15.3566, 12.9758, 12.7615

Monochromacy



Original Color

15.3108, 12.9575, 12.5206

Achromatopsia

12.8919, 13.5633, 14.7705

Achromatomaly

13.6074, 13.2329, 13.8936

CSS Examples

Text

The CSS property to change the color of the text to XYZ 15.3108, 12.9575, 12.5206 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(133, 89, 95)` looks like.

```
.text, #text, p{  
    color:rgb(133, 89, 95)  
}
```

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(133, 89, 95) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(133, 89, 95) }
```

Border

The CSS property to change the border of an element to XYZ 15.3108, 12.9575, 12.5206 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(133, 89, 95) }
```


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

```
.border{ border-color:rgb(133, 89, 95) }
```

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

Here you see how a box with a 4 pixel rgb(133, 89, 95) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(133, 89, 95); -webkit-box-  
shadow:4px 4px 4px 4px rgb(133, 89, 95);  
box-shadow:4px 4px 4px 4px rgb(133, 89,  
95) }
```

Background

The CSS property to change the background color of an element to XYZ 15.3108, 12.9575, 12.5206 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(133, 89, 95) }
```

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

```
.background{ background-color: rgb(133, 89,  
95) }
```

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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