

Converting Colors

XYZ(15.2247, 13.6147, 15.8442)

Have a look what the booklet for
XYZ(15.2247, 13.6147, 15.8442)
contains.

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Color

**XYZ(15.2035, 13.6059,
15.7348)**

Conversions

Conversions Part 1

Format	Color
Hex	7D5F6B
RGB	125, 95, 107
RGB Percent	49%, 37%, 42%
CMY	0.5098, 0.6274, 0.5804
CMYK	0.00, 0.24, 0.14, 0.51
HSL	336°, 14%, 43%
HSV	336°, 24%, 49%
XYZ	15.2035, 13.6059, 15.7348
YIQ	105.3380, 14.0280, 10.0920

Conversions

Conversions Part 2

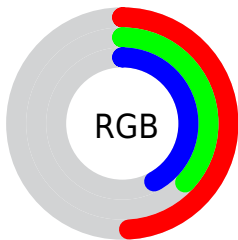
Format	Color
R_{YB}	125, 95, 107
Decimal	8216427
CIE Lab	43.66, 14.25, -2.09
CIE LCh	44, 14.405, 351.668
Yxy	13.6059, 0.3413, 0.3054
Android (android.graphics.Color)	4286406507 (0xFF7D5F6B)
YUV	105.3380, 0.8194, 17.2436
Hunter-Lab	36.8862, 9.0221, 0.5286

Details

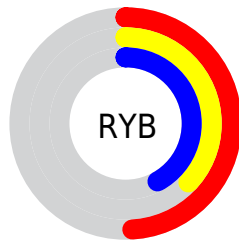
The XYZ color **15.2035, 13.6059, 15.7348** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **15.0341, 18.2928, 18.3621**, and the grayscale version is **13.5144, 14.2182, 15.4836**.

A 20% lighter version of the original color is **34.8105, 32.4914, 36.7845**, and **4.8944, 4.0594, 4.8005** is the 20% darker color. If you saturate the color by 10%, you get **13.7890, 11.3812, 13.4001**, and if you desaturate by 10%, it is **16.8337, 16.2070, 18.3106**.

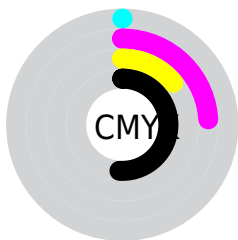
Distribution



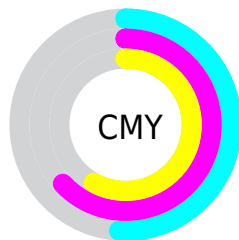
- Red (49%)
- Green (37%)
- Blue (42%)



- Red (49%)
- Yellow (37%)
- Blue (42%)



- Cyan (0%)
- Magenta (24%)
- Yellow (14%)
- Black (51%)



- Cyan (51%)
- Magenta (63%)
- Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 15.2035, 13.6059, 15.7348 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 15.2035, 13.6059, 15.7348 by changing the saturation by 10% instead.

■ 15.2035, 13.6059,
15.7348

■ 15.2035, 13.6059,
15.7348

217.9587,
214.7651, 239.5637

■ 9.0496, 7.8471,
9.1844

■ 34.7785, 32.3881,
36.8975

■ 4.8309, 3.9973,
4.7632

■ 48.9303, 46.1803,
52.3469

■ 2.1821, 1.6720,
2.0527

■ 66.4788, 63.4190,
71.5998

■ 0.7333, 0.4054,
0.5874

■ 87.7893, 84.4887,
95.0745

■ 0.0000, 0.0000,
0.0000

113.2272,
109.7738, 123.1897

143.1578,

139.6586, 156.3640

177.9465,
174.5276, 195.0158

■ 15.2035, 13.6059,
15.7348

■ 15.2035, 13.6059,
15.7348

■ 13.7890, 11.3812,
13.4001

■ 16.8337, 16.2070,
18.3106

■ 12.5796, 9.5134,
11.2983

■ 18.6873, 19.1989,
21.1338

■ 11.5655, 7.9842,
9.4218

■ 20.7731, 22.5977,
24.2114

■ 10.7355, 6.7728,
7.7623

■ 23.0990, 26.4180,
27.5498

■ 10.0774, 5.8562,
6.3108

■ 25.6725, 30.6737,
31.1554

■ 9.5772, 5.2082,
5.0575

■ 28.5007, 35.3778,
35.0341

■ 9.2165, 4.7939,
3.9910

■ 31.5907, 40.5432,
39.1917

■ 9.0331, 4.5903,
3.4269

■ 34.9490, 46.1820,
43.6339

■ 38.5820, 52.3058,
48.3661

Harmonies

Analogous

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



14.7126, 13.6059, 19.0194



15.2035, 13.6059, 15.7348



15.0585, 13.6059, 12.6334

Triad

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



15.2035, 13.6059, 15.7348



12.1461, 13.6059, 9.7508



11.6305, 13.6059, 20.2523

Complementary

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



15.2035, 13.6059, 15.7348



15.0341, 18.2928, 18.3621

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.



11.0158, 13.6059, 17.2332



15.2035, 13.6059, 15.7348



11.3012, 13.6059, 11.2801

Square

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



15.2035, 13.6059, 15.7348



13.2495, 13.6059, 9.4705



10.8988, 13.6059, 13.9308



12.6196, 13.6059, 21.8649

Rectangle

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



15.2035, 13.6059, 15.7348



14.6242, 13.6059, 11.0503



10.8988, 13.6059, 13.9308



11.3757, 13.6059, 19.3491

Sweetspot

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



15.2039, 13.6065, 15.7351



32.3672, 32.6035, 36.1931



14.6044, 13.1764, 21.1758



7.3298, 7.3634, 8.1832



60.6688, 63.8283, 69.5090



7.9400, 8.3535, 9.0970

Same Dimension

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



15.2039, 13.6065, 15.7351



25.7351, 22.0126, 25.7408



14.8912, 13.9222, 12.7296



4.3935, 4.3705, 4.8766



9.4245, 4.7895, 3.5590



0.0000, 0.0000, 0.0000

Inverse Universe

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



15.2039, 13.6065, 15.7351



25.7351, 22.0126, 25.7408



15.3810, 17.8330, 22.0337



4.3935, 4.3705, 4.8766



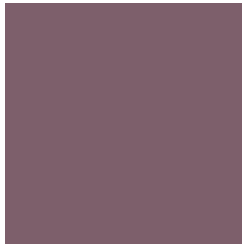
9.4245, 4.7895, 3.5590



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the XYZ color 15.2035, 13.6059, 15.7348 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 15.2035, 13.6059, 15.7348 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

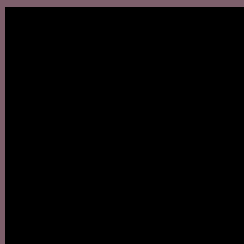
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 15.2035, 13.6059, 15.7348

Background



This preview shows how black text looks on a background with the XYZ color 15.2035, 13.6059, 15.7348.



This preview shows how white text looks on a background with the XYZ color 15.2035, 13.6059,

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

15.2035, 13.6059, 15.7348

Protanopia

13.3684, 13.7539, 17.2794

Deuteranopia

13.8408, 13.5997, 15.5312



Tritanopia

15.0885, 13.7050, 14.6820

Trichromacy



Original Color

15.2035, 13.6059, 15.7348

Protanomaly

13.9272, 13.6196, 16.6467

Deuteranomaly

14.3053, 13.5579, 15.4986

Tritanomaly

15.1390, 13.7252, 14.9480

Monochromacy



Original Color

15.2035, 13.6059, 15.7348

Achromatopsia

13.4271, 14.1263, 15.3836

Achromatomaly

13.9373, 13.7927, 15.5634

CSS Examples

Text

The CSS property to change the color of the text to XYZ 15.2035, 13.6059, 15.7348 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(125, 95, 107)` looks like.

```
.text, #text, p{  
    color:rgb(125, 95, 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(125, 95, 107) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(125, 95, 107) }
```

Border

The CSS property to change the border of an element to XYZ 15.2035, 13.6059, 15.7348 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(125, 95, 107) }
```


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

```
.border{ border-color:rgb(125, 95, 107) }
```

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

Here you see how a box with a 4 pixel rgb(125, 95, 107) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(125, 95, 107); -webkit-box-  
shadow:4px 4px 4px 4px rgb(125, 95, 107);  
box-shadow:4px 4px 4px 4px rgb(125, 95,  
107) }
```

Background

The CSS property to change the background color of an element to XYZ 15.2035, 13.6059, 15.7348 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(125, 95, 107) }
```

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

```
.background{ background-color: rgb(125, 95,  
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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