

Converting Colors

XYZ(17.9847, 13.5609, 16.2104)

Have a look what the booklet for
XYZ(17.9847, 13.5609, 16.2104)
contains.

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Color

**XYZ(17.8862, 13.4937,
16.1298)**

Conversions

Conversions Part 1

Format	Color
Hex	93536D
RGB	147, 83, 109
RGB Percent	58%, 33%, 43%
CMY	0.4235, 0.6745, 0.5725
CMYK	0.00, 0.44, 0.26, 0.42
HSL	336°, 28%, 45%
HSV	336°, 44%, 58%
XYZ	17.8862, 13.4937, 16.1298
YIQ	105.1000, 29.7980, 21.6540

Conversions

Conversions Part 2

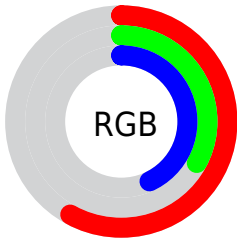
Format	Color
R_{YB}	147, 83, 109
Decimal	9655149
CIE _{Lab}	43.50, 30.07, -3.24
CIE _{LCh}	43, 30.243, 353.846
Yxy	13.4937, 0.3765, 0.2840
Android (android.graphics.Color)	4287845229 (0xFF93536D)
YUV	105.1000, 1.9227, 36.7463
Hunter-Lab	36.7338, 22.6301, -0.3206

Details

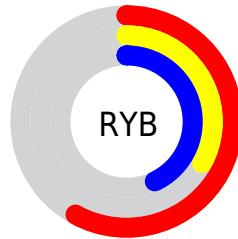
The XYZ color **17.8862, 13.4937, 16.1298** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **17.4528, 24.0873, 21.8199**, and the grayscale version is **13.4440, 14.1442, 15.4030**.

A 20% lighter version of the original color is **39.2274, 32.1448, 37.3948**, and **6.0866, 3.9295, 4.9951** is the 20% darker color. If you saturate the color by 10%, you get **16.4317, 11.2996, 13.4407**, and if you desaturate by 10%, it is **19.6267, 16.1847, 19.1448**.

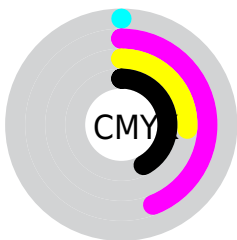
Distribution



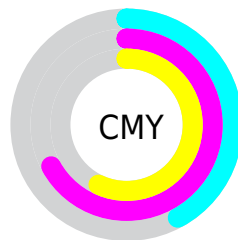
- Red (58%)
- Green (33%)
- Blue (43%)



- Red (58%)
- Yellow (33%)
- Blue (43%)



- Cyan (0%)
- Magenta (44%)
- Yellow (26%)
- Black (42%)



- Cyan (42%)
- Magenta (67%)
- Yellow (57%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 17.8862, 13.4937, 16.1298 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 17.8862, 13.4937, 16.1298 by changing the saturation by 10% instead.

■ 17.8862, 13.4937,
16.1298

■ 17.8862, 13.4937,
16.1298

233.2868,
214.0579, 241.9782

■ 10.9675, 7.7694,
9.4607

■ 39.3749, 32.1879,
37.5933

■ 6.1121, 3.9477,
4.9420

■ 54.6757, 45.9266,
53.2248

■ 2.9547, 1.6444,
2.1551

■ 73.5011, 63.1056,
72.6809

■ 1.1298, 0.3872,
0.6483

■ 96.2167, 84.1092,
96.3800

■ 0.0499, 0.0000,
0.0000

■ 123.1877,
109.3218, 124.7408

■ 0.0000, 0.0000,
0.0000

154.7795,

139.1279, 158.1817

191.3574,
173.9118, 197.1213

■ 17.8862, 13.4937,
16.1298

■ 17.8862, 13.4937,
16.1298

■ 16.4317, 11.2996,
13.4407

■ 19.6267, 16.1847,
19.1448

■ 15.2453, 9.5694,
11.0644

■ 21.6670, 19.3990,
22.4963

■ 14.3092, 8.2695,
8.9881

■ 24.0218, 23.1633,
26.1954

■ 13.6025, 7.3604,
7.1975

■ 26.7041, 27.5019,
30.2524

■ 13.1003, 6.7952,
5.6766

■ 29.7263, 32.4377,
34.6772

■ 12.8407, 6.5263,
4.8183

■ 33.1001, 37.9925,
39.4793

■ 36.8367, 44.1867,
44.6676

■ 40.9466, 51.0399,
50.2510

■ 45.4402, 58.5709,
56.2379

Harmonies

Analogous

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



16.8489, 13.4937, 23.7693



17.8862, 13.4937, 16.1298



17.4391, 13.4937, 10.0401

Triad

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



17.8862, 13.4937, 16.1298



11.0770, 13.4937, 5.7238



10.3304, 13.4937, 27.8807

Complementary

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



17.8862, 13.4937, 16.1298



17.4528, 24.0873, 21.8199

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.



9.1068, 13.4937, 20.5970



17.8862, 13.4937, 16.1298



9.4995, 13.4937, 8.2822

Square

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



17.8862, 13.4937, 16.1298



13.3179, 13.4937, 5.1895



8.8224, 13.4937, 13.3429



12.3451, 13.4937, 31.7693

Rectangle

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



17.8862, 13.4937, 16.1298



16.3839, 13.4937, 7.4038



8.8224, 13.4937, 13.3429



9.8234, 13.4937, 25.6577

Sweetspot

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



17.8866, 13.4944, 16.1301



43.1403, 41.6763, 47.0980



16.1524, 12.3108, 29.1288



9.6399, 9.1793, 10.4299



71.1368, 74.8414, 81.5023



11.3376, 11.9280, 12.9896

Same Dimension

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



17.8866, 13.4944, 16.1301



29.5371, 20.3999, 24.2818



17.1116, 13.8626, 9.9583



5.8926, 5.8521, 6.5406



11.1439, 5.6626, 4.2388



0.1504, 0.0749, 0.1255

Inverse Universe

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



17.8866, 13.4944, 16.1301



29.5371, 20.3999, 24.2818



18.4577, 23.1929, 31.1077



5.8926, 5.8521, 6.5406



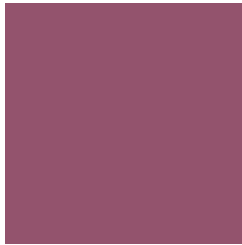
11.1439, 5.6626, 4.2388



0.1504, 0.0749, 0.1255

Previews

White Background



This preview shows how the XYZ color 17.8862, 13.4937, 16.1298 looks on a white background.

Color Contrast Check

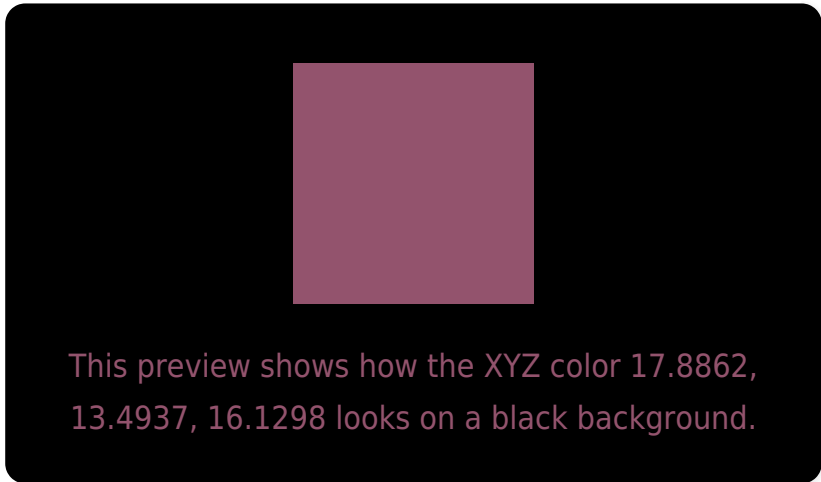
Large Text (above 18pt) WCAG AA ✓ Pass

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

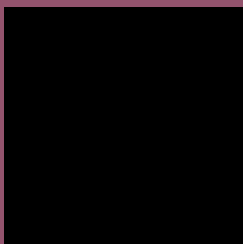
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 17.8862, 13.4937, 16.1298

Background



This preview shows how black text looks on a background with the XYZ color 17.8862, 13.4937, 16.1298.



This preview shows how white text looks on a background with the XYZ color 17.8862, 13.4937,

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

17.8862, 13.4937, 16.1298

Protanopia

13.4581, 13.5925, 20.0035

Deuteranopia

13.8408, 13.5997, 15.5312



Tritanopia

16.9366, 13.4480, 11.8283

Trichromacy



Original Color

17.8862, 13.4937, 16.1298

Protanomaly

14.6392, 13.2507, 18.6157

Deuteranomaly

15.1140, 13.4269, 15.7050

Tritanomaly

17.3072, 13.4898, 13.2469

Monochromacy



Original Color

17.8862, 13.4937, 16.1298

Achromatopsia

13.4271, 14.1263, 15.3836

Achromatomaly

14.6219, 13.5831, 15.4868

CSS Examples

Text

The CSS property to change the color of the text to XYZ 17.8862, 13.4937, 16.1298 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(147, 83, 109)` looks like.

```
.text, #text, p{  
    color:rgb(147, 83, 109)  
}
```

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(147, 83, 109) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(147, 83, 109) }
```

Border

The CSS property to change the border of an element to XYZ 17.8862, 13.4937, 16.1298 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(147, 83, 109) }
```


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

```
.border{ border-color:rgb(147, 83, 109) }
```

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

Here you see how a box with a 4 pixel `rgb(147, 83, 109)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(147, 83, 109); -webkit-box-  
shadow:4px 4px 4px 4px rgb(147, 83, 109);  
box-shadow:4px 4px 4px 4px rgb(147, 83,  
109) }
```

Background

The CSS property to change the background color of an element to XYZ 17.8862, 13.4937, 16.1298 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(147, 83, 109) }
```

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

```
.background{ background-color: rgb(147, 83,  
109) }
```

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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