

Converting Colors

XYZ(17.6849, 11.2052, 11.8204)

Have a look what the booklet for
XYZ(17.6849, 11.2052, 11.8204)
contains.

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Color

**XYZ(17.6849, 11.2052,
11.8204)**

Conversions

Conversions Part 1

Format	Color
Hex	9E3B5E
RGB	158, 59, 94
RGB Percent	62%, 23%, 37%
CMY	0.3804, 0.7686, 0.6314
CMYK	0.00, 0.63, 0.41, 0.38
HSL	339°, 46%, 43%
HSV	339°, 63%, 62%
XYZ	17.6849, 11.2052, 11.8204
YIQ	92.5910, 47.7690, 31.8730

Conversions

Conversions Part 2

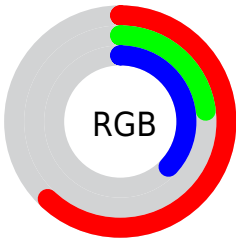
Format	Color
R_YB	158, 59, 94
Decimal	10369886
CIE Lab	39.92, 44.39, 1.01
CIE LCh	40, 44.407, 1.306
Yxy	11.2052, 0.4344, 0.2752
Android (android.graphics.Color)	4288559966 (0xFF9E3B5E)
YUV	92.5910, 0.6946, 57.3637
Hunter-Lab	33.4742, 35.7244, 2.4954

Details

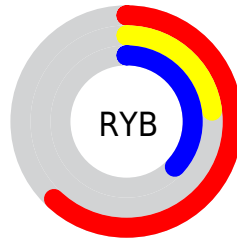
The XYZ color **17.6849, 11.2052, 11.8204** is a dark color, and the websafe version is hex **993366**. A complement of this color would be **17.6063, 26.8139, 22.9883**, and the grayscale version is **10.3005, 10.8369, 11.8014**.

A 20% lighter version of the original color is **39.0374, 27.9814, 29.7290**, and **6.0130, 3.0382, 3.0658** is the 20% darker color. If you saturate the color by 10%, you get **16.5638, 9.6486, 9.3329**, and if you desaturate by 10%, it is **19.1131, 13.2788, 14.7098**.

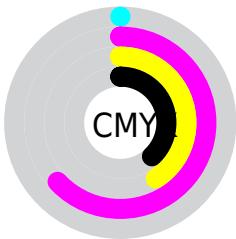
Distribution



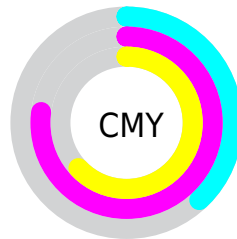
- Red (62%)
- Green (23%)
- Blue (37%)



- Red (62%)
- Yellow (23%)
- Blue (37%)



- Cyan (0%)
- Magenta (63%)
- Yellow (41%)
- Black (38%)





- Cyan (38%)
- Magenta (77%)
- Yellow (63%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 17.6849, 11.2052, 11.8204 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 17.6849, 11.2052, 11.8204 by changing the saturation by 10% instead.


 17.6849, 11.2052,
11.8204


 17.6849, 11.2052,
11.8204


232.1690,
199.0700, 214.1482


 10.8223, 6.2050,
6.5005


 39.0340, 28.0390,
29.8271

 6.0139, 2.9701,
3.0780


 54.2512, 40.6414,
43.3509

 2.8943, 1.1162,
1.1346

 72.9840, 56.5467,
60.4464

 1.0981, 0.0000,
0.0000

 95.5977, 76.1392,
81.5321

 0.0235, 0.0000,
0.0000

 122.4577, 99.8035,
107.0266

 0.0000, 0.0000,
0.0000

 153.9293,

127.9237, 137.3484

190.3780,
160.8844, 172.9161

■ 17.6849, 11.2052,
11.8204

■ 17.6849, 11.2052,
11.8204

■ 16.5638, 9.6486,
9.3329

■ 19.1131, 13.2788,
14.7098

■ 15.7235, 8.5604,
7.2267

■ 20.8698, 15.9088,
18.0189

■ 15.1345, 7.8855,
5.4794

■ 22.9755, 19.1326,
21.7652

■ 14.8108, 7.5532,
4.3999

■ 25.4486, 22.9841,
25.9648

■ 28.3064, 27.4944,
30.6330

■ 31.5648, 32.6925,
35.7842

■ 35.2389, 38.6060,
41.4323

■ 39.3431, 45.2605,
47.5906

■ 43.8910, 52.6807,
54.2719

Harmonies

Analogous

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



16.6926, 11.2052, 22.2157



17.6849, 11.2052, 11.8204



16.5123, 11.2052, 5.3705

Triad

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



17.6849, 11.2052, 11.8204



7.8752, 11.2052, 2.7219



8.0668, 11.2052, 33.7656

Complementary

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



17.6849, 11.2052, 11.8204



17.6063, 26.8139, 22.9883

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.



6.3712, 11.2052, 23.2228



17.6849, 11.2052, 11.8204



6.2765, 11.2052, 5.7648

Square

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



17.6849, 11.2052, 11.8204



10.5166, 11.2052, 1.9166



5.7830, 11.2052, 12.5888



10.7849, 11.2052, 38.0034

Rectangle

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



17.6849, 11.2052, 11.8204



14.7699, 11.2052, 3.2065



5.7830, 11.2052, 12.5888



7.3780, 11.2052, 30.6532

Sweetspot

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



17.6852, 11.2058, 11.8206



47.8401, 44.2937, 49.8402



15.7197, 9.7130, 33.3940



10.4820, 9.5087, 10.7350



76.7382, 80.7346, 87.9200



13.3056, 13.9985, 15.2444

Same Dimension

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



17.6852, 11.2058, 11.8206



29.4408, 16.6734, 15.4114



17.2208, 12.2462, 5.5946



6.7251, 6.6829, 7.4034



11.8792, 6.0563, 3.6151



0.2316, 0.1159, 0.1655

Inverse Universe

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



17.6852, 11.2058, 11.8206



29.4408, 16.6734, 15.4114



18.0705, 23.5886, 35.9483



6.7251, 6.6829, 7.4034



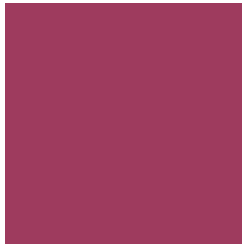
11.8792, 6.0563, 3.6151



0.2316, 0.1159, 0.1655

Previews

White Background



This preview shows how the XYZ color 17.6849, 11.2052, 11.8204 looks on a white background.

Color Contrast Check

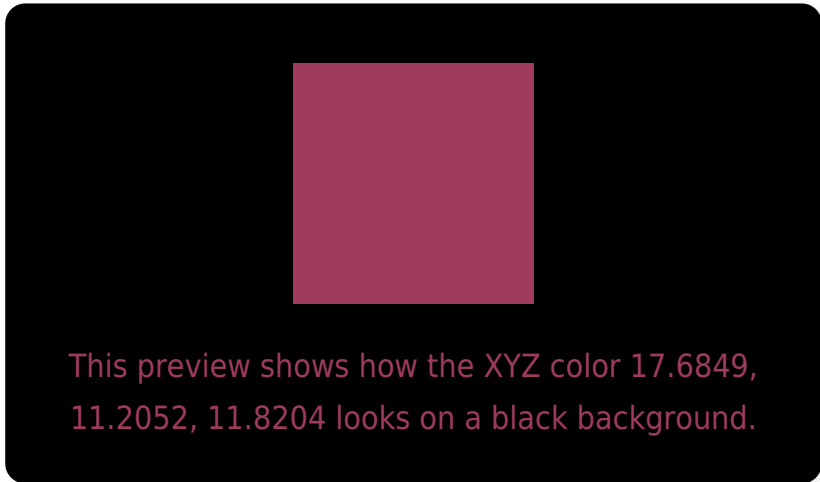
Large Text (above 18pt) WCAG AA ✓ Pass

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

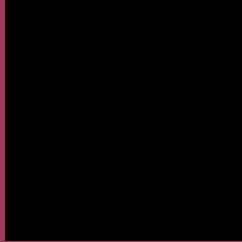
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 17.6849, 11.2052, 11.8204

Background



This preview shows how black text looks on a background with the XYZ color 17.6849, 11.2052, 11.8204.



This preview shows how white text looks on a background with the XYZ color 17.6849, 11.2052,

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

17.6849, 11.2052, 11.8204

Protanopia

11.3137, 11.4169, 17.8270

Deuteranopia

11.5742, 11.4397, 11.0493



Tritanopia

16.6179, 11.1644, 6.9093

Trichromacy



Original Color

17.6849, 11.2052, 11.8204

Protanomaly

12.6665, 10.5912, 15.2866

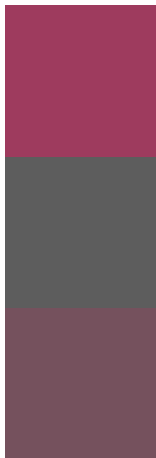
Deuteranomaly

13.2144, 10.8526, 11.2958

Tritanomaly

17.0024, 11.1634, 8.4664

Monochromacy



Original Color

17.6849, 11.2052, 11.8204

Achromatopsia

10.4043, 10.9462, 11.9204

Achromatomaly

12.2543, 10.4571, 11.7285

CSS Examples

Text

The CSS property to change the color of the text to XYZ 17.6849, 11.2052, 11.8204 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(158, 59, 94)` looks like.

```
.text, #text, p{  
    color:rgb(158, 59, 94)  
}
```

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(158, 59, 94) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(158, 59, 94) }
```

Border

The CSS property to change the border of an element to XYZ 17.6849, 11.2052, 11.8204 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(158, 59, 94) }
```


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

```
.border{ border-color:rgb(158, 59, 94) }
```

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

Here you see how a box with a 4 pixel `rgb(158, 59, 94)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(158, 59, 94); -webkit-box-  
shadow:4px 4px 4px 4px rgb(158, 59, 94);  
box-shadow:4px 4px 4px 4px rgb(158, 59,  
94) }
```

Background

The CSS property to change the background color of an element to XYZ 17.6849, 11.2052, 11.8204 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(158, 59, 94) }
```

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

```
.background{ background-color: rgb(158, 59,  
94) }
```

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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