

Converting Colors

XYZ(17.4410, 11.8114, 5.8038)

Have a look what the booklet for
XYZ(17.4410, 11.8114, 5.8038)
contains.

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Color

**XYZ(17.4885, 11.8104,
5.7728)**

Conversions

Conversions Part 1

Format	Color
Hex	A1423D
RGB	161, 66, 61
RGB Percent	63%, 26%, 24%
CMY	0.3686, 0.7412, 0.7608
CMYK	0.00, 0.59, 0.62, 0.37
HSL	3°, 45%, 44%
HSV	3°, 62%, 63%
XYZ	17.4885, 11.8104, 5.7728
YIQ	93.8350, 58.2250, 18.5850

Conversions

Conversions Part 2

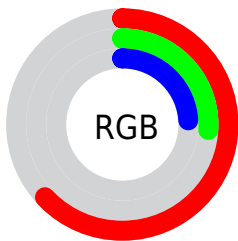
Format	Color
RYB	161, 66, 61
Decimal	10568253
CIELab	40.91, 39.07, 22.99
CIELCh	41, 45.333, 30.476
Yxy	11.8104, 0.4986, 0.3368
Android (android.graphics.Color)	4288758333 (0xFFA1423D)
YUV	93.8350, -16.1877, 58.9037
Hunter-Lab	34.3663, 30.6951, 14.0969

Details

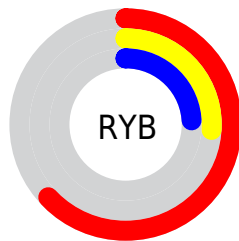
The XYZ color **17.4885, 11.8104, 5.7728** is a dark color, and the websafe version is hex **993333**. A complement of this color would be **20.2452, 27.3407, 37.9284**, and the grayscale version is **10.6281, 11.1816, 12.1768**.

A 20% lighter version of the original color is **38.6368, 29.0424, 18.0373**, and **5.9461, 3.2294, 0.9260** is the 20% darker color. If you saturate the color by 10%, you get **16.3409, 10.1082, 3.5625**, and if you desaturate by 10%, it is **19.0058, 14.0438, 8.7489**.

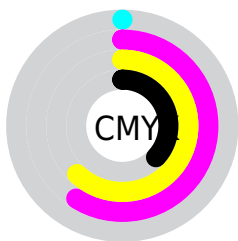
Distribution



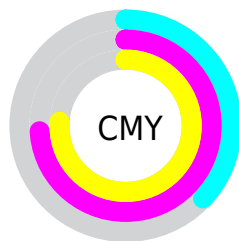
- Red (63%)
- Green (26%)
- Blue (24%)



- Red (63%)
- Yellow (26%)
- Blue (24%)



- Cyan (0%)
- Magenta (59%)
- Yellow (62%)
- Black (37%)





- Cyan (37%)
- Magenta (74%)
- Yellow (76%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 17.4885, 11.8104, 5.7728 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 17.4885, 11.8104, 5.7728 by changing the saturation by 10% instead.


 17.4885, 11.8104,
5.7728


 17.4885, 11.8104,
5.7728


231.0737,
203.1460, 166.2610


 10.6808, 6.6147,
2.6409


 38.7007, 29.1493,
17.9269


 5.9184, 3.2223,
0.9134

 53.8360, 42.0613,
27.7862


 2.8357, 1.2489,
0.0000

 72.4779, 58.3142,
40.7250

 1.0675, 0.1011,
0.0000

 94.9918, 78.2924,
57.1619

 0.0000, 0.0000,
0.0000

 121.7429,
102.3803, 77.5154

 153.0967,

130.9623, 102.2041

189.4185,
164.4227, 131.6464

■ 17.4885, 11.8104,
5.7728

■ 17.4885, 11.8104,
5.7728

■ 16.3409, 10.1082,
3.5625

■ 19.0058, 14.0438,
8.7489

■ 15.5306, 8.8915,
2.0472

■ 20.9199, 16.8455,
12.5515

■ 15.0210, 8.1100,
1.1444

■ 23.2563, 20.2514,
17.2362

■ 14.7854, 7.7520,
0.7170

■ 26.0382, 24.2939,
22.8534

■ 29.2871, 29.0032,
29.4497

■ 33.0230, 34.4076,
37.0687

■ 37.2648, 40.5335,
45.7513

■ 42.0305, 47.4063,
55.5362

■ 47.3371, 55.0497,
66.4601

Harmonies

Analogous

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



18.6693, 11.8104, 12.7122



17.4885, 11.8104, 5.7728



14.5800, 11.8104, 2.7500

Triad

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



17.4885, 11.8104, 5.7728



6.6344, 11.8104, 5.9243



11.2772, 11.8104, 40.1833

Complementary

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



17.4885, 11.8104, 5.7728



20.2452, 27.3407, 37.9284

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.



8.4294, 11.8104, 35.4379



17.4885, 11.8104, 5.7728



6.0815, 11.8104, 13.0080

Square

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



17.4885, 11.8104, 5.7728



8.3558, 11.8104, 2.8032



6.6708, 11.8104, 24.1822



14.6867, 11.8104, 35.1480

Rectangle

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



17.4885, 11.8104, 5.7728



12.2870, 11.8104, 2.0746



6.6708, 11.8104, 24.1822



10.2268, 11.8104, 39.6617

Sweetspot

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



17.4888, 11.8111, 5.7730



48.1500, 45.7102, 44.0042



22.3675, 13.3149, 32.8436



10.2349, 9.5532, 8.9918



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.



17.4888, 11.8111, 5.7730



28.5712, 17.0650, 5.0694



21.7857, 20.4048, 7.2053



7.1009, 7.1402, 7.3840



11.8178, 6.2095, 0.5757



0.2564, 0.1465, 0.0148

Inverse Universe

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



20.2452, 27.3407, 37.9284



33.8967, 47.2365, 67.7175



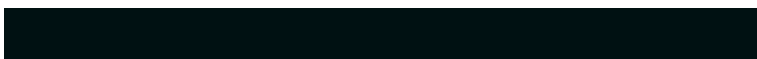
13.5116, 13.8735, 35.6839



7.2456, 7.9502, 9.0557



14.2372, 20.2539, 30.0888



0.3077, 0.4427, 0.6351

Previews

White Background



This preview shows how the XYZ color 17.4885, 11.8104, 5.7728 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 17.4885, 11.8104, 5.7728 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

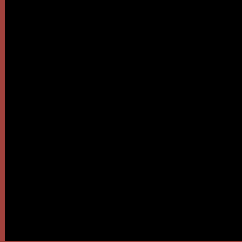
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 17.4885, 11.8104, 5.7728

Background



This preview shows how black text looks on a background with the XYZ color 17.4885, 11.8104, 5.7728.

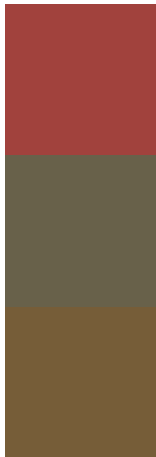


This preview shows how white text looks on a background with the XYZ color 17.4885, 11.8104,

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

17.4885, 11.8104, 5.7728

Protanopia

11.2196, 11.9869, 8.2009

Deuteranopia

12.0994, 11.9658, 5.4133



Tritanopia

17.6624, 11.7873, 6.9745

Trichromacy



Original Color

17.4885, 11.8104, 5.7728

Protanomaly

12.8594, 11.4452, 7.1616

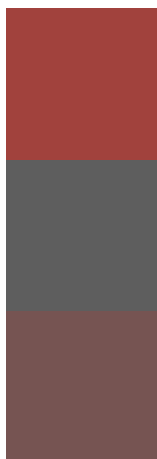
Deuteranomaly

13.6885, 11.5603, 5.5129

Tritanomaly

17.5716, 11.7510, 6.4963

Monochromacy



Original Color

17.4885, 11.8104, 5.7728

Achromatopsia

10.6392, 11.1932, 12.1894

Achromatomaly

12.1645, 10.8014, 9.4264

CSS Examples

Text

The CSS property to change the color of the text to XYZ 17.4885, 11.8104, 5.7728 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(161, 66, 61)` looks like.

```
.text, #text, p{  
    color:rgb(161, 66, 61)  
}
```

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(161, 66, 61) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(161, 66, 61) }
```

Border

The CSS property to change the border of an element to XYZ 17.4885, 11.8104, 5.7728 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(161, 66, 61) }
```


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

```
.border{ border-color:rgb(161, 66, 61) }
```

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

Here you see how a box with a 4 pixel `rgb(161, 66, 61)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(161, 66, 61); -webkit-box-  
shadow:4px 4px 4px 4px rgb(161, 66, 61);  
box-shadow:4px 4px 4px 4px rgb(161, 66,  
61) }
```

Background

The CSS property to change the background color of an element to XYZ 17.4885, 11.8104, 5.7728 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(161, 66, 61) }
```

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

```
.background{ background-color: rgb(161, 66,  
61) }
```

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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