

Converting Colors

XYZ(15.1621, 13.8618, 18.0697)

Have a look what the booklet for
XYZ(15.1621, 13.8618, 18.0697)
contains.

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Color

**XYZ(15.1149, 13.7803,
18.0829)**

Conversions

Conversions Part 1

Format	Color
Hex	786173
RGB	120, 97, 115
RGB Percent	47%, 38%, 45%
CMY	0.5294, 0.6196, 0.5490
CMYK	0.00, 0.19, 0.04, 0.53
HSL	313°, 11%, 43%
HSV	313°, 19%, 47%
XYZ	15.1149, 13.7803, 18.0829
YIQ	105.9290, 7.9300, 10.4740

Conversions

Conversions Part 2

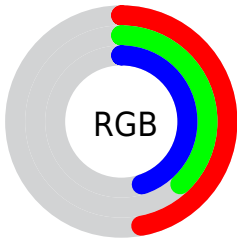
Format	Color
R_{YB}	120, 97, 115
Decimal	7889267
CIE _{Lab}	43.92, 12.63, -6.63
CIE _{LCh}	44, 14.265, 332.302
Yxy	13.7803, 0.3217, 0.2933
Android (android.graphics.Color)	4286079347 (0xFF786173)
YUV	105.9290, 4.4720, 12.3403
Hunter-Lab	37.1218, 7.7167, -2.8963

Details

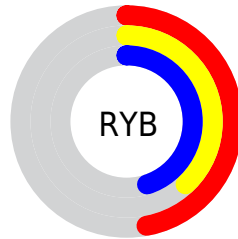
The XYZ color **15.1149, 13.7803, 18.0829** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **14.0450, 16.9339, 15.0994**, and the grayscale version is **13.6671, 14.3789, 15.6586**.

A 20% lighter version of the original color is **34.5782, 32.7405, 41.0563**, and **4.7523, 4.0260, 5.8368** is the 20% darker color. If you saturate the color by 10%, you get **13.9410, 11.6692, 16.9615**, and if you desaturate by 10%, it is **16.4616, 16.2298, 19.2832**.

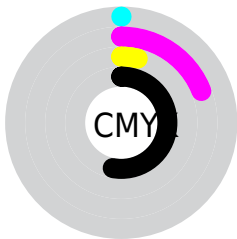
Distribution



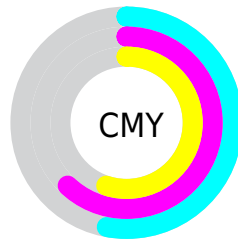
- Red (47%)
- Green (38%)
- Blue (45%)



- Red (47%)
- Yellow (38%)
- Blue (45%)



- Cyan (0%)
- Magenta (19%)
- Yellow (4%)
- Black (53%)



- Cyan (53%)
- Magenta (62%)
- Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 15.1149, 13.7803, 18.0829 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 15.1149, 13.7803, 18.0829 by changing the saturation by 10% instead.

■ 15.1149, 13.7803,
18.0829

■ 15.1149, 13.7803,
18.0829

217.4352,
215.8598, 253.5897

■ 8.9869, 7.9680,
10.8395

■ 34.6246, 32.6987,
40.9944

■ 4.7897, 4.0745,
5.8462

■ 48.7371, 46.5736,
57.4995

■ 2.1579, 1.7153,
2.6845

■ 66.2417, 63.9048,
77.9289

■ 0.7204, 0.4335,
0.9356

■ 87.5039, 85.0768,
102.7012

■ 0.0000, 0.0000,
0.0000

112.8890,
110.4739, 132.2349

142.7623,

140.4805, 166.9485

177.4893,
175.4809, 207.2606

■ 15.1149, 13.7803,
18.0829

■ 15.1149, 13.7803,
18.0829

■ 13.9410, 11.6692,
16.9615

■ 16.4616, 16.2298,
19.2832

■ 12.9312, 9.8797,
15.9155

■ 17.9870, 19.0300,
20.5640

■ 12.0777, 8.3961,
14.9421

■ 19.6981, 22.1948,
21.9280

■ 11.3717, 7.2010,
14.0384

■ 21.6012, 25.7367,
23.3775

■ 10.8036, 6.2749,
13.2009

■ 23.7025, 29.6679,
24.9147

■ 10.3623, 5.5960,
12.4258

■ 26.0076, 33.9996,
26.5416

■ 10.0353, 5.1392,
11.7087

■ 28.5221, 38.7429,
28.2602

■ 9.7829, 4.8254,
11.0362

■ 31.2512, 43.9084,
30.0725

■ 9.7622, 4.7997,
10.9810

■ 34.2002, 49.5063,
31.9803

Harmonies

Analogous

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



14.2921, 13.7803, 20.8952



15.1149, 13.7803, 18.0829



15.3882, 13.7803, 14.7561

Triad

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



15.1149, 13.7803, 18.0829



13.0108, 13.7803, 9.6113



11.3476, 13.7803, 18.5771

Complementary

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



15.1149, 13.7803, 18.0829



14.0450, 16.9339, 15.0994

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.



11.0467, 13.7803, 15.2555



15.1149, 13.7803, 18.0829



11.9719, 13.7803, 10.3400

Square

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



15.1149, 13.7803, 18.0829



14.1327, 13.7803, 10.1464



11.2686, 13.7803, 12.2968



12.1146, 13.7803, 21.2081

Rectangle

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



15.1149, 13.7803, 18.0829



15.2101, 13.7803, 12.7671



11.2686, 13.7803, 12.2968



11.1906, 13.7803, 17.4889

Sweetspot

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



15.1153, 13.7809, 18.0832



29.7287, 29.9650, 34.5801



13.1431, 12.7300, 19.5338



7.0149, 7.0455, 8.1692



59.0181, 62.0916, 67.6177



7.4413, 7.8288, 8.5256

Same Dimension

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



15.1153, 13.7809, 18.0832



25.6399, 22.5325, 30.9204



14.4951, 13.5328, 14.8171



4.1190, 4.0633, 4.8241



10.6447, 5.2340, 11.9517



50.4514, 24.8369, 55.3003

Inverse Universe

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



15.1153, 13.7809, 18.0832



25.6399, 22.5325, 30.9204



14.6546, 17.1777, 18.3094



4.1190, 4.0633, 4.8241



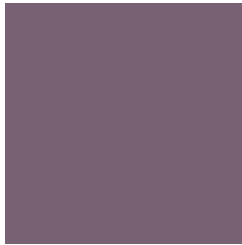
10.6447, 5.2340, 11.9517



50.4514, 24.8369, 55.3003

Previews

White Background



This preview shows how the XYZ color 15.1149, 13.7803, 18.0829 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 15.1149, 13.7803, 18.0829 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 15.1149, 13.7803, 18.0829

Background



This preview shows how black text looks on a background with the XYZ color 15.1149, 13.7803, 18.0829.



This preview shows how white text looks on a background with the XYZ color 15.1149, 13.7803,

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

15.1149, 13.7803, 18.0829

Protanopia

13.5468, 13.7991, 19.4023

Deuteranopia

13.9976, 13.7735, 17.8404



Tritanopia

14.6711, 13.8862, 15.5427

Trichromacy



Original Color

15.1149, 13.7803, 18.0829

Protanomaly

14.1080, 13.8035, 19.0603

Deuteranomaly

14.4045, 13.8400, 17.8318

Tritanomaly

14.7357, 13.7614, 16.3476

Monochromacy



Original Color

15.1149, 13.7803, 18.0829

Achromatopsia

13.6994, 14.4128, 15.6956

Achromatomaly

14.1661, 14.1841, 16.4592

CSS Examples

Text

The CSS property to change the color of the text to XYZ 15.1149, 13.7803, 18.0829 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(120, 97, 115)` looks like.

```
.text, #text, p{  
    color:rgb(120, 97, 115)  
}
```

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(120, 97, 115) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(120, 97, 115) }
```

Border

The CSS property to change the border of an element to XYZ 15.1149, 13.7803, 18.0829 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(120, 97, 115) }
```


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

```
.border{ border-color:rgb(120, 97, 115) }
```

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

Here you see how a box with a 4 pixel `rgb(120, 97, 115)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(120, 97, 115); -webkit-box-shadow:4px 4px 4px 4px rgb(120, 97, 115); box-shadow:4px 4px 4px 4px rgb(120, 97, 115) }
```

Background

The CSS property to change the background color of an element to XYZ 15.1149, 13.7803, 18.0829 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(120, 97, 115) }
```

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

```
.background{ background-color: rgb(120, 97,  
115) }
```

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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