

Converting Colors

XYZ(15.0802, 14.0886, 18.8632)

Have a look what the booklet for
XYZ(15.0802, 14.0886, 18.8632)
contains.

XYZ(15.0088, 13.9899, 18.7389)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(15.0088, 13.9899,
18.7389)**

Conversions

Conversions Part 1

Format	Color
Hex	756375
RGB	117, 99, 117
RGB Percent	46%, 39%, 46%
CMY	0.5412, 0.6118, 0.5412
CMYK	0.00, 0.15, 0.00, 0.54
HSL	300°, 8%, 42%
HSV	300°, 15%, 46%
XYZ	15.0088, 13.9899, 18.7389
YIQ	106.4340, 4.9500, 9.4140

Conversions

Conversions Part 2

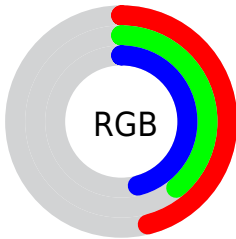
Format	Color
R_{YB}	117, 99, 117
Decimal	7693173
CIE Lab	44.22, 10.69, -7.42
CIE LCh	44, 13.016, 325.230
Yxy	13.9899, 0.3144, 0.2931
Android (android.graphics.Color)	4285883253 (0xFF756375)
YUV	106.4340, 5.2090, 9.2664
Hunter-Lab	37.4031, 6.1716, -3.5221

Details

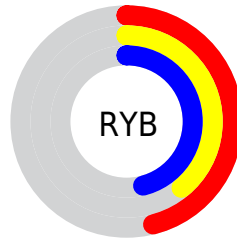
The XYZ color **15.0088, 13.9899, 18.7389** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **13.7595, 16.2765, 14.2215**, and the grayscale version is **13.8042, 14.5231, 15.8157**.

A 20% lighter version of the original color is **34.4300, 33.1123, 42.1128**, and **4.7564, 4.1509, 6.1807** is the 20% darker color. If you saturate the color by 10%, you get **13.9799, 11.9318, 18.3961**, and if you desaturate by 10%, it is **16.1992, 16.3704, 19.1359**.

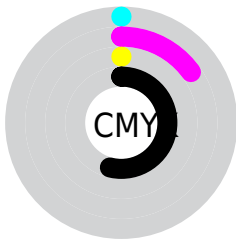
Distribution



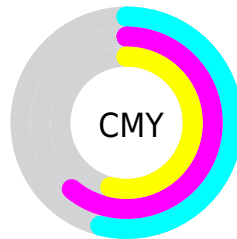
- Red (46%)
- Green (39%)
- Blue (46%)



- Red (46%)
- Yellow (39%)
- Blue (46%)



- Cyan (0%)
- Magenta (15%)
- Yellow (0%)
- Black (54%)



- Cyan (54%)
- Magenta (61%)
- Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 15.0088, 13.9899, 18.7389 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 15.0088, 13.9899, 18.7389 by changing the saturation by 10% instead.

■ 15.0088, 13.9899,
18.7389

■ 15.0088, 13.9899,
18.7389

216.8068,
217.1680, 257.3780

■ 8.9119, 8.1136,
11.3069

■ 34.4401, 33.0711,
42.1232

■ 4.7404, 4.1678,
6.1569

■ 48.5053, 47.0448,
58.9126

■ 2.1290, 1.7678,
2.8704

■ 65.9573, 64.4865,
79.6582

■ 0.7049, 0.4670,
1.0288

■ 87.1615, 85.7806,
104.7785

■ 0.0000, 0.0000,
0.0000

112.4831,
111.3113, 134.6921

142.2877,

141.4632, 169.8176

176.9404,
176.6206, 210.5734

■ 15.0088, 13.9899,
18.7389

■ 15.0088, 13.9899,
18.7389

■ 13.9799, 11.9318,
18.3961

■ 16.1992, 16.3704,
19.1359

■ 13.1042, 10.1806,
18.1042

■ 17.5562, 19.0845,
19.5882

■ 12.3750, 8.7221,
17.8611

■ 19.0865, 22.1450,
20.0983

■ 11.7841, 7.5404,
17.6642

■ 20.7957, 25.5634,
20.6680

■ 11.3229, 6.6180,
17.5104

■ 22.6894, 29.3509,
21.2993

■ 10.9816, 5.9354,
17.3967

■ 24.7730, 33.5179,
21.9938

■ 10.7491, 5.4704,
17.3192

■ 27.0514, 38.0747,
22.7532

■ 10.6057, 5.1835,
17.2714

■ 29.5296, 43.0311,
23.5793

■ 10.5470, 5.0663,
17.2518

■ 32.2122, 48.3964,
24.4735

Harmonies

Analogous

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



14.1680, 13.9899, 21.0250



15.0088, 13.9899, 18.7389



15.3917, 13.9899, 15.7140

Triad

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



15.0088, 13.9899, 18.7389



13.4640, 13.9899, 10.2071



11.5683, 13.9899, 17.8074

Complementary

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



15.0088, 13.9899, 18.7389



13.7595, 16.2765, 14.2215

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.



11.4015, 13.9899, 14.7612



15.0088, 13.9899, 18.7389



12.4624, 13.9899, 10.6157

Square

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



15.0088, 13.9899, 18.7389



14.4707, 13.9899, 10.9946



11.7205, 13.9899, 12.1935



12.1885, 13.9899, 20.4399

Rectangle

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



15.0088, 13.9899, 18.7389



15.3220, 13.9899, 13.7767



11.7205, 13.9899, 12.1935



11.4587, 13.9899, 16.7877

Sweetspot

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



15.0092, 13.9905, 18.7392



29.0656, 29.4301, 34.2857



12.8474, 12.9183, 18.6462



6.6539, 6.7089, 7.8732



57.3938, 60.3827, 65.7568



6.9614, 7.3239, 7.9757

Same Dimension

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



15.0092, 13.9905, 18.7392



26.2786, 23.8562, 33.3567



14.5212, 13.7953, 16.1691



3.8266, 3.7579, 4.6139



11.6204, 5.5819, 19.0075



56.6275, 27.2011, 92.6260

Inverse Universe

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



14.0506, 13.6071, 13.6910



24.2600, 23.0487, 22.7267



14.1982, 16.4519, 16.5315



3.6839, 3.7009, 3.8625



8.0828, 4.1668, 0.3783



39.3885, 20.3055, 1.8434

Previews

White Background



This preview shows how the XYZ color 15.0088, 13.9899, 18.7389 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 15.0088, 13.9899, 18.7389 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

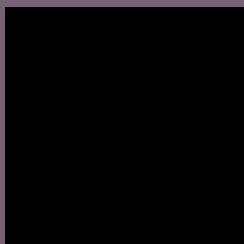
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 15.0088, 13.9899, 18.7389

Background



This preview shows how black text looks on a background with the XYZ color 15.0088, 13.9899, 18.7389.



This preview shows how white text looks on a background with the XYZ color 15.0088, 13.9899,

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

15.0088, 13.9899, 18.7389

Protanopia

13.8200, 14.0815, 19.7589

Deuteranopia

14.2104, 14.0149, 18.4792



Tritanopia

14.4664, 13.9101, 16.1098

Trichromacy



Original Color

15.0088, 13.9899, 18.7389

Protanomaly

14.1445, 13.9605, 19.4019

Deuteranomaly

14.4882, 14.0131, 18.4642

Tritanomaly

14.6289, 13.9750, 16.9654

Monochromacy



Original Color

15.0088, 13.9899, 18.7389

Achromatopsia

13.6994, 14.4128, 15.6956

Achromatomaly

14.0951, 14.1413, 16.7385

CSS Examples

Text

The CSS property to change the color of the text to XYZ 15.0088, 13.9899, 18.7389 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(117, 99, 117)` looks like.

```
.text, #text, p{  
    color:rgb(117, 99, 117)  
}
```

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(117, 99, 117) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(117, 99, 117) }
```

Border

The CSS property to change the border of an element to XYZ 15.0088, 13.9899, 18.7389 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(117, 99, 117) }
```


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

```
.border{ border-color:rgb(117, 99, 117) }
```

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

Here you see how a box with a 4 pixel `rgb(117, 99, 117)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(117, 99, 117); -webkit-box-shadow:4px 4px 4px 4px rgb(117, 99, 117); box-shadow:4px 4px 4px 4px rgb(117, 99, 117) }
```

Background

The CSS property to change the background color of an element to XYZ 15.0088, 13.9899, 18.7389 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(117, 99, 117) }
```

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

```
.background{ background-color: rgb(117, 99,  
117) }
```

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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