

Converting Colors

XYZ(15.3394, 13.9620, 17.2071)

Have a look what the booklet for
XYZ(15.3394, 13.9620, 17.2071)
contains.

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Color

**XYZ(15.3677, 13.9302,
17.2081)**

Conversions

Conversions Part 1

Format	Color
Hex	7B6170
RGB	123, 97, 112
RGB Percent	48%, 38%, 44%
CMY	0.5176, 0.6196, 0.5608
CMYK	0.00, 0.21, 0.09, 0.52
HSL	325°, 12%, 43%
HSV	325°, 21%, 48%
XYZ	15.3677, 13.9302, 17.2081
YIQ	106.4840, 10.6810, 10.1770

Conversions

Conversions Part 2

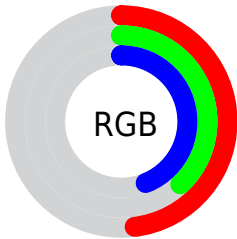
Format	Color
R_{YB}	123, 97, 112
Decimal	8085872
CIE Lab	44.13, 13.20, -4.46
CIE LCh	44, 13.931, 341.349
Yxy	13.9302, 0.3304, 0.2995
Android (android.graphics.Color)	4286275952 (0xFF7B6170)
YUV	106.4840, 2.7194, 14.4845
Hunter-Lab	37.3232, 8.1812, -1.2098

Details

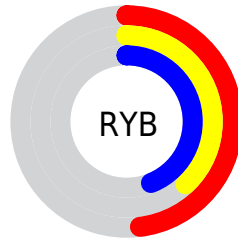
The XYZ color **15.3677, 13.9302, 17.2081** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **14.7200, 17.7904, 16.8462**, and the grayscale version is **13.8236, 14.5435, 15.8378**.

A 20% lighter version of the original color is **35.1952, 33.0903, 39.6540**, and **4.8901, 4.1072, 5.3855** is the 20% darker color. If you saturate the color by 10%, you get **14.0368, 11.7186, 15.3760**, and if you desaturate by 10%, it is **16.8924, 16.5022, 19.1878**.

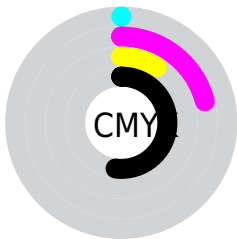
Distribution



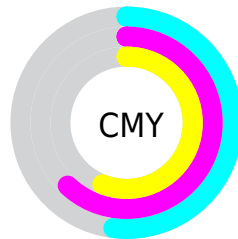
- Red (48%)
- Green (38%)
- Blue (44%)



- Red (48%)
- Yellow (38%)
- Blue (44%)



- Cyan (0%)
- Magenta (21%)
- Yellow (9%)
- Black (52%)



- Cyan (52%)
- Magenta (62%)
- Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 15.3677, 13.9302, 17.2081 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 15.3677, 13.9302, 17.2081 by changing the saturation by 10% instead.

■ 15.3677, 13.9302,
17.2081

■ 15.3677, 13.9302,
17.2081

218.9257,
216.7962, 248.4532

■ 9.1658, 8.0721,
10.2194

■ 35.0633, 32.9651,
39.4788

■ 4.9075, 4.1411,
5.4372

■ 49.2878, 46.9108,
55.5979

■ 2.2273, 1.7528,
2.4428

■ 66.9173, 64.3211,
75.5975

■ 0.7571, 0.4575,
0.8096

■ 88.3170, 85.5804,
99.8963

■ 0.0000, 0.0000,
0.0000

113.8523,
111.0732, 128.9127

143.8886,

141.1838, 163.0653

178.7913,
176.2967, 202.7726

■ 15.3677, 13.9302,
17.2081

■ 15.3677, 13.9302,
17.2081

■ 14.0368, 11.7186,
15.3760

■ 16.8924, 16.5022,
19.1878

■ 12.8901, 9.8492,
13.6863

■ 18.6176, 19.4481,
21.3182

■ 11.9189, 8.3052,
12.1351

■ 20.5511, 22.7828,
23.6033

■ 11.1136, 7.0673,
10.7175

■ 22.6998, 26.5199,
26.0468

■ 10.4633, 6.1144,
9.4285

■ 25.0704, 30.6724,
28.6521

■ 9.9557, 5.4226,
8.2624

■ 27.6693, 35.2526,
31.4227

■ 9.5766, 4.9640,
7.2129

■ 30.5027, 40.2724,
34.3617

■ 9.3044, 4.6654,
6.3643

■ 33.5764, 45.7432,
37.4723

■ 36.8962, 51.6759,
40.7575

Harmonies

Analogous

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



14.7013, 13.9302, 20.2359



15.3677, 13.9302, 17.2081



15.4455, 13.9302, 13.9960

Triad

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



15.3677, 13.9302, 17.2081



12.8246, 13.9302, 9.9282



11.7014, 13.9302, 19.5759

Complementary

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



15.3677, 13.9302, 17.2081



14.7200, 17.7904, 16.8462

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.



11.2555, 13.9302, 16.4029



15.3677, 13.9302, 17.2081



11.8794, 13.9302, 11.0253

Square

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



15.3677, 13.9302, 17.2081



13.9348, 13.9302, 10.0809



11.3188, 13.9302, 13.2952



12.5692, 13.9302, 21.7293

Rectangle

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



15.3677, 13.9302, 17.2081



15.1484, 13.9302, 12.2040



11.3188, 13.9302, 13.2952



11.4995, 13.9302, 18.5759

Sweetspot

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



15.3681, 13.9308, 17.2084



31.7452, 32.0972, 36.2291



14.0145, 13.1579, 20.5401



7.4397, 7.4966, 8.4870



60.6688, 63.8283, 69.5090



7.9400, 8.3535, 9.0970

Same Dimension

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



15.3681, 13.9308, 17.2084



26.4106, 23.0944, 29.3140



14.7037, 13.6650, 13.7096



4.0861, 4.0502, 4.6513



9.6225, 4.8252, 6.5692



45.4681, 22.8436, 29.0589

Inverse Universe

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



15.3681, 13.9308, 17.2084



26.4106, 23.0944, 29.3140



15.4541, 18.0840, 20.7119



4.0861, 4.0502, 4.6513



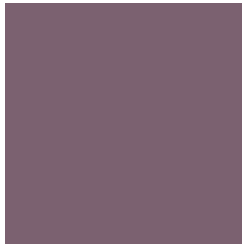
9.6225, 4.8252, 6.5692



45.4681, 22.8436, 29.0589

Previews

White Background



This preview shows how the XYZ color 15.3677, 13.9302, 17.2081 looks on a white background.

Color Contrast Check

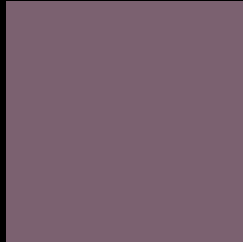
Large Text (above 18pt) WCAG AA ✓ Pass

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 15.3677, 13.9302, 17.2081 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 15.3677, 13.9302, 17.2081

Background



This preview shows how black text looks on a background with the XYZ color 15.3677, 13.9302, 17.2081.



This preview shows how white text looks on a background with the XYZ color 15.3677, 13.9302,

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

15.3677, 13.9302, 17.2081

Protanopia

13.6962, 14.0451, 18.5121

Deuteranopia

14.2050, 13.8998, 16.9732



Tritanopia

14.9952, 13.9135, 15.5309

Trichromacy



Original Color

15.3677, 13.9302, 17.2081

Protanomaly

14.1786, 13.8602, 18.1476

Deuteranomaly

14.6289, 13.9750, 16.9654

Tritanomaly

15.1005, 13.9556, 16.0852

Monochromacy



Original Color

15.3677, 13.9302, 17.2081

Achromatopsia

13.6994, 14.4128, 15.6956

Achromatomaly

14.2391, 14.2279, 16.1831

CSS Examples

Text

The CSS property to change the color of the text to XYZ 15.3677, 13.9302, 17.2081 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(123, 97, 112)` looks like.

```
.text, #text, p{  
    color:rgb(123, 97, 112)  
}
```

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(123, 97, 112) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(123, 97, 112) }
```

Border

The CSS property to change the border of an element to XYZ 15.3677, 13.9302, 17.2081 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(123, 97, 112) }
```


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

```
.border{ border-color:rgb(123, 97, 112) }
```

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

Here you see how a box with a 4 pixel rgb(123, 97, 112) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(123, 97, 112); -webkit-box-  
shadow:4px 4px 4px 4px rgb(123, 97, 112);  
box-shadow:4px 4px 4px 4px rgb(123, 97,  
112) }
```

Background

The CSS property to change the background color of an element to XYZ 15.3677, 13.9302, 17.2081 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(123, 97, 112) }
```

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

```
.background{ background-color: rgb(123, 97,  
112) }
```

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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