

Converting Colors

XYZ(10.2282, 7.5373, 9.6662)

Have a look what the booklet for
XYZ(10.2282, 7.5373, 9.6662)
contains.

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Color

**XYZ(10.2879, 7.5868,
9.7263)**

Conversions

Conversions Part 1

Format	Color
Hex	723D56
RGB	114, 61, 86
RGB Percent	45%, 24%, 34%
CMY	0.5529, 0.7608, 0.6627
CMYK	0.00, 0.46, 0.25, 0.55
HSL	332°, 30%, 34%
HSV	332°, 46%, 45%
XYZ	10.2879, 7.5868, 9.7263
YIQ	79.6970, 23.5630, 19.0110

Conversions

Conversions Part 2

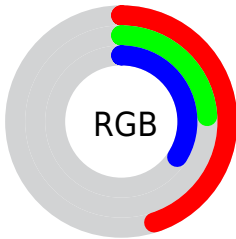
Format	Color
R_{YB}	114, 61, 86
Decimal	7486806
CIE Lab	33.11, 26.62, -4.74
CIE LCh	33, 27.036, 349.909
Yxy	7.5868, 0.3727, 0.2749
Android (android.graphics.Color)	4285676886 (0xFF723D56)
YUV	79.6970, 3.1074, 30.0837
Hunter-Lab	27.5441, 18.4685, -1.6554

Details

The XYZ color **10.2879, 7.5868, 9.7263** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **9.7453, 13.7482, 11.5919**, and the grayscale version is **7.5574, 7.9509, 8.6586**.

A 20% lighter version of the original color is **25.9562, 21.1449, 26.0059**, and **2.6854, 1.5917, 2.2635** is the 20% darker color. If you saturate the color by 10%, you get **9.5103, 6.4037, 8.3199**, and if you desaturate by 10%, it is **11.2158, 9.0376, 11.2839**.

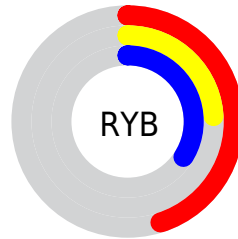
Distribution



Red (45%)

Green (24%)

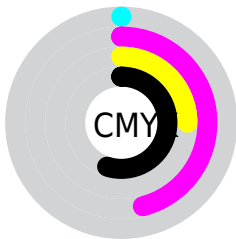
Blue (34%)



Red (45%)

Yellow (24%)

Blue (34%)

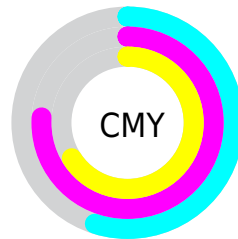


Cyan (0%)

Magenta (46%)

Yellow (25%)

Black (55%)



Cyan (55%)

Magenta (76%)

Yellow (66%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 10.2879, 7.5868, 9.7263 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 10.2879, 7.5868, 9.7263 by changing the saturation by 10% instead.

10.2879, 7.5868,
9.7263

10.2879, 7.5868,
9.7263

186.7257,
172.4542, 199.1206

5.6540, 3.8317,
5.1146

25.9804, 21.1443,
25.8791

2.6745, 1.5799,
2.2548

37.7697, 31.7156,
38.2574

0.9841, 0.3440,
0.7057

52.6749, 45.3276,
54.0616

0.0000, 0.0000,
0.0000

71.0612, 62.3649,
73.7103

93.2941, 83.2118,
97.6220

119.7389,

108.2527, 126.2152

150.7610,
137.8721, 159.9086

■ 10.2879, 7.5868,
9.7263

■ 10.2879, 7.5868,
9.7263

■ 9.5103, 6.4037,
8.3199

■ 11.2158, 9.0376,
11.2839

■ 8.8736, 5.4705,
7.0588

■ 12.3013, 10.7703,
12.9973

■ 8.3682, 4.7688,
5.9374


■ 13.5522, 12.7994,
14.8714


■ 7.9830, 4.2774,
4.9492


■ 14.9754, 15.1381,
16.9109


■ 7.6939, 3.9487,
4.0834


■ 16.5774, 17.7987,
19.1199

 7.5999, 3.8416,
3.8028

 18.3644, 20.7930,
21.5028

 20.3423, 24.1320,
24.0635

 22.5167, 27.8264,
26.8059

 24.8930, 31.8862,
29.7337

Harmonies

Analogous

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



9.5382, 7.5868, 14.4769



10.2879, 7.5868, 9.7263



10.1336, 7.5868, 5.8484

Triad

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



10.2879, 7.5868, 9.7263



6.3104, 7.5868, 2.8305



5.5739, 7.5868, 15.9141

Complementary

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



10.2879, 7.5868, 9.7263



9.7453, 13.7482, 11.5919

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.



4.9125, 7.5868, 11.2592



10.2879, 7.5868, 9.7263



5.2970, 7.5868, 4.1406

Square

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



10.2879, 7.5868, 9.7263



7.7061, 7.5868, 2.6623



4.8184, 7.5868, 6.9503



6.7376, 7.5868, 18.7579

Rectangle

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



10.2879, 7.5868, 9.7263



9.5450, 7.5868, 4.1528



4.8184, 7.5868, 6.9503



5.2924, 7.5868, 14.4490

Sweetspot

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



10.2881, 7.5872, 9.7264



24.3216, 23.3205, 26.8715



8.7673, 6.6463, 16.7404



5.5316, 5.2409, 6.0788



55.7959, 58.7016, 63.9261



6.5000, 6.8385, 7.4471

Same Dimension

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



10.2881, 7.5872, 9.7264



16.5952, 11.0783, 14.3982



9.4983, 7.3473, 5.3329



3.4439, 3.4253, 3.8642



8.4518, 4.2731, 4.1890



41.6727, 21.1144, 18.6067

Inverse Universe

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



10.2881, 7.5872, 9.7264



16.5952, 11.0783, 14.3982



10.8801, 14.0435, 18.0569



3.4439, 3.4253, 3.8642



8.4518, 4.2731, 4.1890



41.6727, 21.1144, 18.6067

Previews

White Background



This preview shows how the XYZ color 10.2879, 7.5868, 9.7263 looks on a white background.

Color Contrast Check

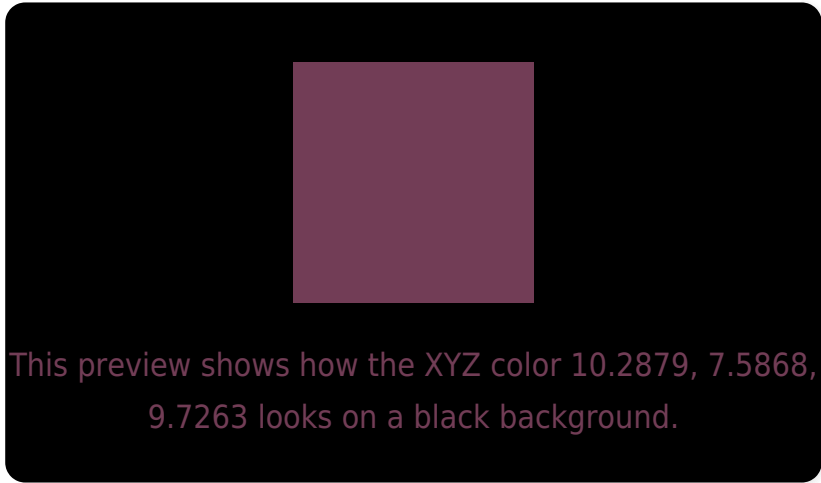
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

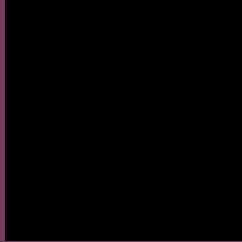
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 10.2879, 7.5868, 9.7263

Background



This preview shows how black text looks on a background with the XYZ color 10.2879, 7.5868, 9.7263.



This preview shows how white text looks on a background with the XYZ color 10.2879, 7.5868,

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

10.2879, 7.5868, 9.7263

Protanopia

7.7061, 7.7677, 12.4024

Deuteranopia

7.8019, 7.6782, 9.2545



Tritanopia

9.5897, 7.5412, 6.5804

Trichromacy



Original Color

10.2879, 7.5868, 9.7263

Protanomaly

8.4130, 7.5489, 11.3696

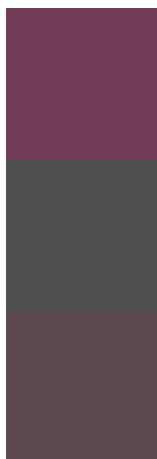
Deuteranomaly

8.5728, 7.5795, 9.3987

Tritanomaly

9.8576, 7.5737, 7.5989

Monochromacy



Original Color

10.2879, 7.5868, 9.7263

Achromatopsia

7.6249, 8.0220, 8.7359

Achromatomaly

8.3192, 7.6496, 9.0207

CSS Examples

Text

The CSS property to change the color of the text to XYZ 10.2879, 7.5868, 9.7263 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(114, 61, 86)` looks like.

```
.text, #text, p{  
    color:rgb(114, 61, 86)  
}
```

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(114, 61, 86) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(114, 61, 86) }
```

Border

The CSS property to change the border of an element to XYZ 10.2879, 7.5868, 9.7263 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(114, 61, 86) }
```


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

```
.border{ border-color:rgb(114, 61, 86) }
```

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

Here you see how a box with a 4 pixel rgb(114, 61, 86) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(114, 61, 86); -webkit-box-  
shadow:4px 4px 4px 4px rgb(114, 61, 86);  
box-shadow:4px 4px 4px 4px rgb(114, 61,  
86) }
```

Background

The CSS property to change the background color of an element to XYZ 10.2879, 7.5868, 9.7263 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(114, 61, 86) }
```

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

```
.background{ background-color: rgb(114, 61,  
86) }
```

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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