

Converting Colors

XYZ(10.4886, 9.7434, 13.9778)

Have a look what the booklet for
XYZ(10.4886, 9.7434, 13.9778)
contains.

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Color

**XYZ(10.4213, 9.6872,
13.8909)**

Conversions

Conversions Part 1

Format	Color
Hex	615366
RGB	97, 83, 102
RGB Percent	38%, 33%, 40%
CMY	0.6196, 0.6745, 0.6000
CMYK	0.05, 0.19, 0.00, 0.60
HSL	284°, 10%, 36%
HSV	284°, 19%, 40%
XYZ	10.4213, 9.6872, 13.8909
YIQ	89.3520, 2.2450, 8.8770

Conversions

Conversions Part 2

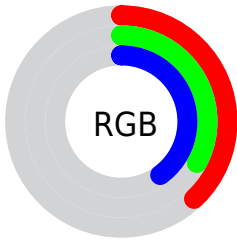
Format	Color
R_{YB}	97, 83, 102
Decimal	6378342
CIE Lab	37.28, 9.68, -8.83
CIE LCh	37, 13.100, 317.627
Yxy	9.6872, 0.3065, 0.2849
Android (android.graphics.Color)	4284568422 (0xFF615366)
YUV	89.3520, 6.2355, 6.7073
Hunter-Lab	31.1243, 5.2995, -4.6744

Details

The XYZ color **10.4213, 9.6872, 13.8909** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **10.3375, 12.2022, 9.9945**, and the grayscale version is **9.5600, 10.0579, 10.9530**.

A 20% lighter version of the original color is **26.2138, 25.0983, 33.5998**, and **2.6981, 2.3402, 3.9239** is the 20% darker color. If you saturate the color by 10%, you get **9.4165, 8.0949, 13.6367**, and if you desaturate by 10%, it is **11.5512, 11.5150, 14.1843**.

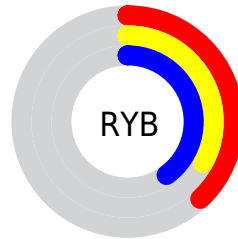
Distribution



Red (38%)

Green (33%)

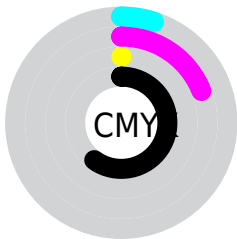
Blue (40%)



Red (38%)

Yellow (33%)

Blue (40%)

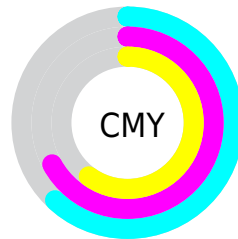


Cyan (5%)

Magenta (19%)

Yellow (0%)

Black (60%)



Cyan (62%)

Magenta (67%)

Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 10.4213, 9.6872, 13.8909 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 10.4213, 9.6872, 13.8909 by changing the saturation by 10% instead.

■ 10.4213, 9.6872,
13.8909

■ 10.4213, 9.6872,
13.8909

187.6446,
188.4248, 227.9558

■ 5.7436, 5.1921,
7.9069

■ 26.2275, 25.2055,
33.6097

■ 2.7290, 2.3604,
3.9485

■ 38.0867, 36.9974,
48.1815

■ 1.0121, 0.8054,
1.5972

■ 53.0704, 51.9904,
66.4531

■ 0.0000, 0.0000,
0.2888

■ 71.5441, 70.5688,
88.8430

■ 0.0000, 0.0000,
0.0000

■ 93.8729, 93.1170,
115.7697

120.4224,

120.0195, 147.6517

151.5578,
151.6606, 184.9075

■ 10.4213, 9.6872,
13.8909

■ 10.4213, 9.6872,
13.8909

■ 9.4165, 8.0949,
13.6367

■ 11.5512, 11.5150,
14.1843

■ 8.5309, 6.7269,
13.4193

■ 12.8101, 13.5865,
14.5178

■ 7.7592, 5.5726,
13.2372

■ 14.2028, 15.9109,
14.8930

■ 7.0956, 4.6206,
13.0884

■ 15.7337, 18.4969,
15.3115

■ 6.5335, 3.8579,
12.9708

■ 17.4068, 21.3523,
15.7745

6.0659, 3.2703,
12.8820

19.2260, 24.4850,
16.2833

5.6842, 2.8414,
12.8193

21.1951, 27.9023,
16.8391

5.3566, 2.5070,
12.7721

23.3177, 31.6113,
17.4431

5.3124, 2.4616,
12.7656

25.5973, 35.6189,
18.0965

Harmonies

Analogous

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



9.6929, 9.6872, 15.4598



10.4213, 9.6872, 13.8909



10.8339, 9.6872, 11.5445

Triad

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



10.4213, 9.6872, 13.8909



9.5492, 9.6872, 6.7252



7.7858, 9.6872, 11.9742

Complementary

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



10.4213, 9.6872, 13.8909



10.3375, 12.2022, 9.9945

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.



7.7524, 9.6872, 9.6100



10.4213, 9.6872, 13.8909



8.7384, 9.6872, 6.8048

Square

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



10.4213, 9.6872, 13.8909



10.3107, 9.6872, 7.5526



8.0916, 9.6872, 7.7892



8.1857, 9.6872, 14.2454

Rectangle

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



10.4213, 9.6872, 13.8909



10.8592, 9.6872, 9.9600



8.0916, 9.6872, 7.7892



7.7322, 9.6872, 11.1581

Sweetspot

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



10.4216, 9.6876, 13.8911



20.7785, 21.0456, 25.0128



9.4611, 9.7891, 13.9613



4.8816, 4.9317, 5.8954



51.1593, 53.8236, 58.6138



5.2251, 5.4972, 5.9864

Same Dimension

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



10.4216, 9.6876, 13.8911



17.5452, 15.8225, 24.1750



10.7572, 9.8854, 12.7896



2.8692, 2.8546, 3.5317



6.7860, 3.1425, 16.3932



34.5398, 15.9502, 85.4596

Inverse Universe

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



10.3345, 9.7163, 10.5636



17.3778, 15.8899, 17.2203



10.0570, 12.0372, 10.9037



2.8563, 2.8572, 3.1159



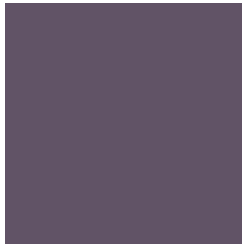
7.2743, 3.7227, 1.5767



37.6221, 19.2888, 6.5534

Previews

White Background



This preview shows how the XYZ color 10.4213, 9.6872, 13.8909 looks on a white background.

Color Contrast Check

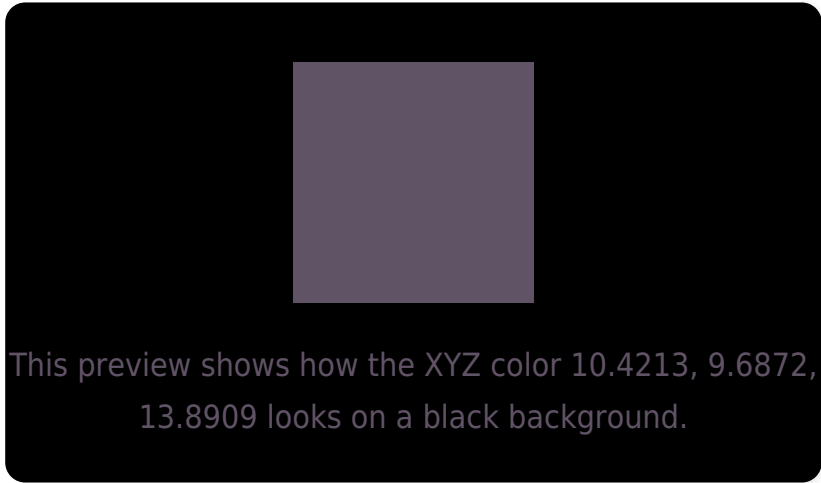
Large Text (above 18pt) WCAG AA ✓ Pass

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 10.4213, 9.6872, 13.8909

Background



This preview shows how black text looks on a background with the XYZ color 10.4213, 9.6872, 13.8909.



This preview shows how white text looks on a background with the XYZ color 10.4213, 9.6872,

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

10.4213, 9.6872, 13.8909

Protanopia

9.6142, 9.7211, 14.7342

Deuteranopia

9.8932, 9.7688, 13.6761



Tritanopia

9.8561, 9.6852, 11.2475

Trichromacy



Original Color

10.4213, 9.6872, 13.8909

Protanomaly

9.9463, 9.7789, 14.4600

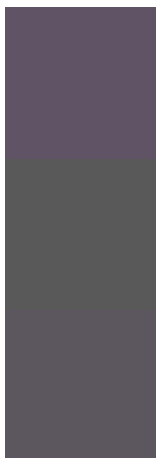
Deuteranomaly

10.1117, 9.7637, 13.6636

Tritanomaly

10.0598, 9.6537, 12.1596

Monochromacy



Original Color

10.4213, 9.6872, 13.8909

Achromatopsia

9.4954, 9.9899, 10.8790

Achromatomaly

9.8422, 9.8999, 11.9818

CSS Examples

Text

The CSS property to change the color of the text to XYZ 10.4213, 9.6872, 13.8909 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(97, 83, 102) looks like.

```
.text, #text, p{  
    color:rgb(97, 83, 102)  
}
```

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(97, 83, 102) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(97, 83, 102) }
```

Border

The CSS property to change the border of an element to XYZ 10.4213, 9.6872, 13.8909 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(97, 83, 102) }
```


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

```
.border{ border-color:rgb(97, 83, 102) }
```

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

Here you see how a box with a 4 pixel rgb(97, 83, 102) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(97, 83, 102); -webkit-box-  
shadow:4px 4px 4px 4px rgb(97, 83, 102);  
box-shadow:4px 4px 4px 4px rgb(97, 83,  
102) }
```

Background

The CSS property to change the background color of an element to XYZ 10.4213, 9.6872, 13.8909 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(97, 83, 102) }
```

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

```
.background{ background-color: rgb(97, 83,  
102) }
```

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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