

Converting Colors

XYZ(10.7567, 13.3491, 9.9032)

Have a look what the booklet for
XYZ(10.7567, 13.3491, 9.9032)
contains.

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Color

**XYZ(10.7233, 13.3128,
9.9871)**

Conversions

Conversions Part 1

Format	Color
Hex	566C52
RGB	86, 108, 82
RGB Percent	34%, 42%, 32%
CMY	0.6627, 0.5765, 0.6784
CMYK	0.20, 0.00, 0.24, 0.58
HSL	111°, 14%, 37%
HSV	111°, 24%, 42%
XYZ	10.7233, 13.3128, 9.9871
YIQ	98.4580, -4.7660, -12.7500

Conversions

Conversions Part 2

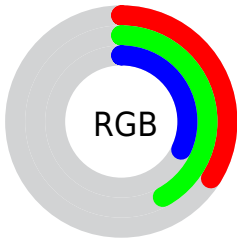
Format	Color
R_{YB}	82, 108, 104
Decimal	5663826
CIE _{Lab}	43.23, -13.70, 11.93
CIE _{LCh}	43, 18.166, 138.968
Yxy	13.3128, 0.3152, 0.3913
Android (android.graphics.Color)	4283853906 (0xFF566C52)
YUV	98.4580, -8.1138, -10.9257
Hunter-Lab	36.4867, -11.3913, 9.3119

Details

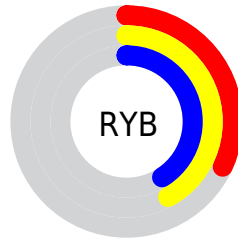
The XYZ color **10.7233, 13.3128, 9.9871** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **11.4337, 10.0608, 15.5275**, and the grayscale version is **11.7445, 12.3561, 13.4558**.

A 20% lighter version of the original color is **26.8209, 32.0145, 26.2385**, and **2.8249, 3.8164, 2.3380** is the 20% darker color. If you saturate the color by 10%, you get **9.5560, 12.7552, 7.9534**, and if you desaturate by 10%, it is **12.0637, 13.9529, 12.3672**.

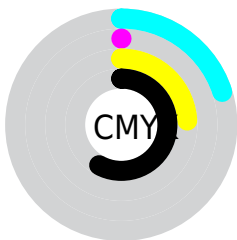
Distribution



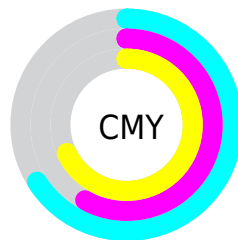
- Red (34%)
- Green (42%)
- Blue (32%)



- Red (32%)
- Yellow (42%)
- Blue (41%)



- Cyan (20%)
- Magenta (0%)
- Yellow (24%)
- Black (58%)



- Cyan (66%)
- Magenta (58%)
- Yellow (68%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 10.7233, 13.3128, 9.9871 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 10.7233, 13.3128, 9.9871 by changing the saturation by 10% instead.

■ 10.7233, 13.3128,
9.9871

■ 10.7233, 13.3128,
9.9871

189.7070,
212.9127, 201.0614

■ 5.9470, 7.6443,
5.2849

■ 26.7849, 31.8646,
26.3787

■ 2.8532, 3.8682,
2.3537

■ 38.8009, 45.5167,
38.9051

■ 1.0766, 1.6001,
0.7611

■ 53.9608, 62.5988,
54.8768

■ 0.0054, 0.3577,
0.0000

■ 72.6300, 83.4952,
74.7121

■ 0.0000, 0.0000,
0.0000

■ 95.1739, 108.5905,
98.8297

121.9578,

138.2689, 127.6481

153.3470,
172.9148, 161.5858

■ 10.7233, 13.3128,
9.9871

■ 10.7233, 13.3128,
9.9871

■ 9.5560, 12.7552,
7.9534

■ 12.0637, 13.9529,
12.3672

■ 8.5536, 12.2752,
6.2492

■ 13.5827, 14.6769,
15.1079

■ 7.7090, 11.8697,
4.8574

■ 15.2870, 15.4883,
18.2236

■ 7.0139, 11.5349,
3.7589

■ 17.1826, 16.3899,
21.7278

■ 6.4594, 11.2668,
2.9328

■ 19.2752, 17.3844,
25.6331

■ 6.0357, 11.0607,
2.3553

■ 21.5704, 18.4744,
29.9517

■ 5.7294, 10.9106,
1.9877

■ 24.0733, 19.6623,
34.6953

■ 5.5871, 10.8413,
1.7981

■ 26.7890, 20.9505,
39.8750

■ 29.7225, 22.3413,
45.5016

Harmonies

Analogous

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



11.7956, 13.3128, 8.3415



10.7233, 13.3128, 9.9871



10.1831, 13.3128, 13.0650

Triad

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



10.7233, 13.3128, 9.9871



12.1436, 13.3128, 23.4908



15.3835, 13.3128, 12.1235

Complementary

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



10.7233, 13.3128, 9.9871



11.4337, 10.0608, 15.5275

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.



15.4940, 13.3128, 16.0265



10.7233, 13.3128, 9.9871



13.5518, 13.3128, 23.1106

Square

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



10.7233, 13.3128, 9.9871



10.9618, 13.3128, 21.1487



14.8023, 13.3128, 20.1897



14.5107, 13.3128, 9.4081

Rectangle

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



10.7233, 13.3128, 9.9871



10.1685, 13.3128, 15.7350



14.8023, 13.3128, 20.1897



15.5134, 13.3128, 13.3226

Sweetspot

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



10.7237, 13.3134, 9.9874



22.9797, 25.3536, 24.9542



12.6248, 13.6317, 9.9486



5.5381, 6.1252, 5.9966



54.2243, 57.0482, 62.1254



6.0569, 6.3724, 6.9395

Same Dimension

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



10.7237, 13.3134, 9.9874



17.6185, 22.7952, 15.4210



10.7167, 13.2692, 11.8191



3.1034, 3.4651, 3.3227



6.6465, 12.9216, 2.1438



33.3784, 65.5893, 10.9008

Inverse Universe

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



11.4337, 10.0608, 15.5275



19.0995, 16.0022, 26.9898



11.4703, 10.1304, 13.2395



3.1741, 3.1415, 3.8740



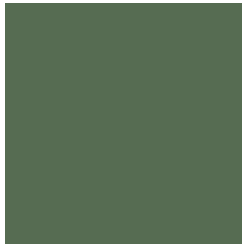
8.4025, 3.9587, 17.2435



42.2249, 19.8673, 87.8355

Previews

White Background



This preview shows how the XYZ color 10.7233, 13.3128, 9.9871 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 10.7233, 13.3128, 9.9871 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 10.7233, 13.3128, 9.9871

Background



This preview shows how black text looks on a background with the XYZ color 10.7233, 13.3128, 9.9871.



This preview shows how white text looks on a background with the XYZ color 10.7233, 13.3128,

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

10.7233, 13.3128, 9.9871

Protanopia

12.4693, 13.3185, 9.3107

Deuteranopia

13.4391, 13.2270, 10.2323



Tritanopia

12.1893, 13.2946, 17.2529

Trichromacy



Original Color

10.7233, 13.3128, 9.9871

Protanomaly

11.7651, 13.2465, 9.5262

Deuteranomaly

12.2566, 13.1914, 10.0838

Tritanomaly

11.5204, 13.1666, 14.2461

Monochromacy



Original Color

10.7233, 13.3128, 9.9871

Achromatopsia

11.6093, 12.2139, 13.3009

Achromatomaly

11.2992, 12.6551, 11.9724

CSS Examples

Text

The CSS property to change the color of the text to XYZ 10.7233, 13.3128, 9.9871 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(86, 108, 82) looks like.

```
.text, #text, p{  
    color:rgb(86, 108, 82)  
}
```

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(86, 108, 82) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(86, 108, 82) }
```

Border

The CSS property to change the border of an element to XYZ 10.7233, 13.3128, 9.9871 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(86, 108, 82) }
```


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

```
.border{ border-color:rgb(86, 108, 82) }
```

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

Here you see how a box with a 4 pixel `rgb(86, 108, 82)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(86, 108, 82); -webkit-box-  
shadow:4px 4px 4px 4px rgb(86, 108, 82);  
box-shadow:4px 4px 4px 4px rgb(86, 108,  
82) }
```

Background

The CSS property to change the background color of an element to XYZ 10.7233, 13.3128, 9.9871 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(86, 108, 82) }
```

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

```
.background{ background-color: rgb(86, 108,  
82) }
```

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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