

Converting Colors

XYZ(10.9524, 12.8041, 10.8471)

Have a look what the booklet for
XYZ(10.9524, 12.8041, 10.8471)
contains.

XYZ(10.9850, 12.8129, 10.9110)	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(10.9850, 12.8129,
10.9110)**

Conversions

Conversions Part 1

Format	Color
Hex	5B6857
RGB	91, 104, 87
RGB Percent	36%, 41%, 34%
CMY	0.6431, 0.5921, 0.6588
CMYK	0.13, 0.00, 0.16, 0.59
HSL	106°, 9%, 37%
HSV	106°, 16%, 41%
XYZ	10.9850, 12.8129, 10.9110
YIQ	98.1750, -2.2910, -8.0430

Conversions

Conversions Part 2

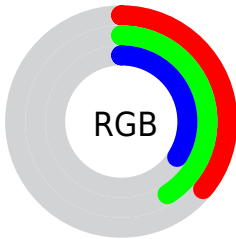
Format	Color
RYB	87, 104, 100
Decimal	5990487
CIELab	42.48, -8.52, 7.93
CIELCh	42, 11.638, 137.041
Yxy	12.8129, 0.3165, 0.3692
Android (android.graphics.Color)	4284180567 (0xFF5B6857)
YUV	98.1750, -5.5093, -6.2925
Hunter-Lab	35.7951, -7.8624, 6.9839

Details

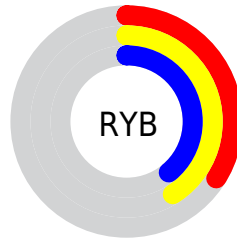
The XYZ color **10.9850, 12.8129, 10.9110** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **11.1629, 10.5256, 14.5407**, and the grayscale version is **11.6670, 12.2746, 13.3671**.

A 20% lighter version of the original color is **27.2212, 30.9116, 28.1987**, and **2.9632, 3.6513, 2.7391** is the 20% darker color. If you saturate the color by 10%, you get **9.8475, 12.2725, 8.7973**, and if you desaturate by 10%, it is **12.2676, 13.4218, 13.3517**.

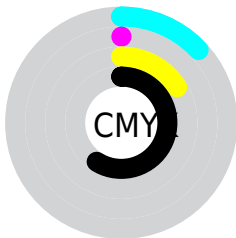
Distribution



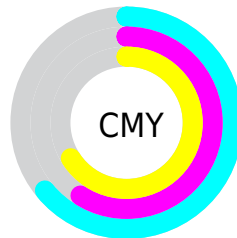
- Red (36%)
- Green (41%)
- Blue (34%)



- Red (34%)
- Yellow (41%)
- Blue (39%)



- Cyan (13%)
- Magenta (0%)
- Yellow (16%)
- Black (59%)



- Cyan (64%)
- Magenta (59%)
- Yellow (66%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 10.9850, 12.8129, 10.9110 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 10.9850, 12.8129, 10.9110 by changing the saturation by 10% instead.

■ 10.9850, 12.8129,
10.9110

■ 10.9850, 12.8129,
10.9110

191.4750,
209.7151, 207.7714

■ 6.1240, 7.2998,
5.8936

■ 27.2656, 30.9672,
28.1296

■ 2.9620, 3.6503,
2.7127

■ 39.4159, 44.3773,
41.1679

■ 1.1337, 1.4799,
0.9498

■ 54.7267, 61.1885,
57.7169

■ 0.0530, 0.2745,
0.0000

■ 73.5633, 81.7852,
78.1951

■ 0.0000, 0.0000,
0.0000

■ 96.2911, 106.5518,
103.0212

123.2754,

135.8727, 132.6135

154.8816,
170.1324, 167.3908

■ 10.9850, 12.8129,
10.9110

■ 10.9850, 12.8129,
10.9110

■ 9.8475, 12.2725,
8.7973

■ 12.2676, 13.4218,
13.3517

■ 8.8488, 11.7965,
6.9959

■ 13.6991, 14.0997,
16.1315

■ 7.9838, 11.3829,
5.4921

■ 15.2846, 14.8494,
19.2631

■ 7.2466, 11.0292,
4.2701

■ 17.0285, 15.6729,
22.7581

■ 6.6309, 10.7323,
3.3121

■ 18.9352, 16.5721,
26.6277

■ 6.1297, 10.4893,
2.5988

■ 21.0087, 17.5490,
30.8826

■ 5.7354, 10.2964,
2.1077

■ 23.2531, 18.6054,
35.5329

■ 5.4333, 10.1476,
1.7814

■ 25.6720, 19.7431,
40.5887

■ 5.3384, 10.1011,
1.6683

■ 28.2694, 20.9637,
46.0593

Harmonies

Analogous

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



11.6906, 12.8129, 9.8231



10.9850, 12.8129, 10.9110



10.6072, 12.8129, 12.8955

Triad

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



10.9850, 12.8129, 10.9110



11.8039, 12.8129, 19.2086



13.8633, 12.8129, 12.5826

Complementary

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



10.9850, 12.8129, 10.9110



11.1629, 10.5256, 14.5407

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.



13.8973, 12.8129, 15.0627



10.9850, 12.8129, 10.9110



12.6793, 12.8129, 19.0985

Square

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



10.9850, 12.8129, 10.9110



11.0645, 12.8129, 17.7937



13.4550, 12.8129, 17.5091



13.3644, 12.8129, 10.7058

Rectangle

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



10.9850, 12.8129, 10.9110



10.5797, 12.8129, 14.5517



13.4550, 12.8129, 17.5091



13.9303, 12.8129, 13.3672

Sweetspot

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



10.9853, 12.8135, 10.9113



21.8103, 23.6831, 23.9796



11.9630, 12.6982, 10.8375



5.2909, 5.7638, 5.7921



52.6788, 55.4222, 60.3547



5.6320, 5.9254, 6.4527

Same Dimension

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



10.9853, 12.8135, 10.9113



18.4000, 22.0647, 17.5100



10.7803, 12.6871, 11.8351



2.8519, 3.1708, 3.0362



6.5541, 12.4375, 2.0552



33.5133, 64.5227, 10.6878

Inverse Universe

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



11.1629, 10.5256, 14.5407



18.7806, 17.1547, 25.2984



11.4058, 10.6751, 13.4531



2.8762, 2.8582, 3.5321



7.0815, 3.2948, 16.4071



36.1352, 16.7726, 85.5343

Previews

White Background



This preview shows how the XYZ color 10.9850, 12.8129, 10.9110 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 10.9850, 12.8129, 10.9110 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 10.9850, 12.8129, 10.9110

Background



This preview shows how black text looks on a background with the XYZ color 10.9850, 12.8129, 10.9110.



This preview shows how white text looks on a background with the XYZ color 10.9850, 12.8129,

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

10.9850, 12.8129, 10.9110

Protanopia

12.0226, 12.7735, 10.4262

Deuteranopia

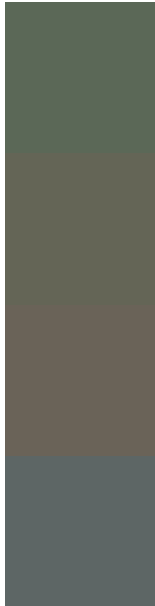
12.9255, 12.6644, 11.2144



Tritanopia

12.0301, 12.7912, 16.3029

Trichromacy



Original Color

10.9850, 12.8129, 10.9110

Protanomaly

11.5889, 12.6886, 10.6424

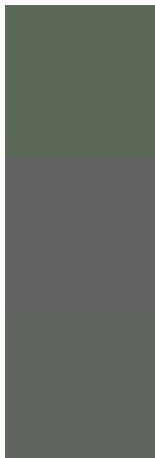
Deuteranomaly

12.1671, 12.6924, 11.0411

Tritanomaly

11.6145, 12.7695, 14.1645

Monochromacy



Original Color

10.9850, 12.8129, 10.9110

Achromatopsia

11.6093, 12.2139, 13.3009

Achromatomaly

11.2969, 12.3554, 12.3791

CSS Examples

Text

The CSS property to change the color of the text to XYZ 10.9850, 12.8129, 10.9110 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(91, 104, 87) looks like.

```
.text, #text, p{  
    color:rgb(91, 104, 87)  
}
```

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(91, 104, 87) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(91, 104, 87) }
```

Border

The CSS property to change the border of an element to XYZ 10.9850, 12.8129, 10.9110 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(91, 104, 87) }
```


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

```
.border{ border-color:rgb(91, 104, 87) }
```

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

Here you see how a box with a 4 pixel `rgb(91, 104, 87)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(91, 104, 87); -webkit-box-  
shadow:4px 4px 4px 4px rgb(91, 104, 87);  
box-shadow:4px 4px 4px 4px rgb(91, 104,  
87) }
```

Background

The CSS property to change the background color of an element to XYZ 10.9850, 12.8129, 10.9110 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(91, 104, 87) }
```

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

```
.background{ background-color: rgb(91, 104,  
87) }
```

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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