

Converting Colors

XYZ(10.9647, 12.1792, 12.4606)

Have a look what the booklet for
XYZ(10.9647, 12.1792, 12.4606)
contains.

XYZ(10.9912, 12.1978, 12.3648)	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(10.9912, 12.1978,
12.3648)**

Conversions

Conversions Part 1

Format	Color
Hex	5C645E
RGB	92, 100, 94
RGB Percent	36%, 39%, 37%
CMY	0.6392, 0.6078, 0.6314
CMYK	0.08, 0.00, 0.06, 0.61
HSL	135°, 4%, 38%
HSV	135°, 8%, 39%
XYZ	10.9912, 12.1978, 12.3648
YIQ	96.9240, -2.8420, -3.5620

Conversions

Conversions Part 2

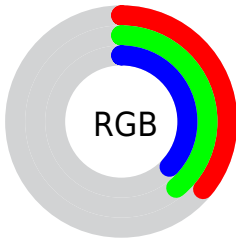
Format	Color
RYB	92, 98, 100
Decimal	6055006
CIELab	41.53, -4.37, 2.34
CIELCh	42, 4.957, 151.880
Yxy	12.1978, 0.3091, 0.3431
Android (android.graphics.Color)	4284245086 (0xFF5C645E)
YUV	96.9240, -1.4415, -4.3183
Hunter-Lab	34.9253, -4.9444, 3.4570

Details

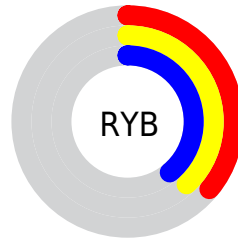
The XYZ color **10.9912, 12.1978, 12.3648** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **11.2877, 11.2458, 13.1316**, and the grayscale version is **11.3478, 11.9388, 13.0014**.

A 20% lighter version of the original color is **27.2560, 29.8976, 30.7198**, and **2.9333, 3.3404, 3.2865** is the 20% darker color. If you saturate the color by 10%, you get **9.7371, 11.5886, 10.6337**, and if you desaturate by 10%, it is **12.4106, 12.8891, 14.2749**.

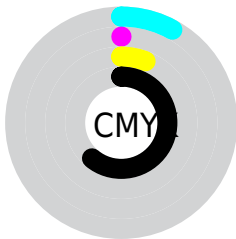
Distribution



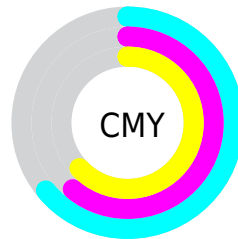
- Red (36%)
- Green (39%)
- Blue (37%)



- Red (36%)
- Yellow (38%)
- Blue (39%)



- Cyan (8%)
- Magenta (0%)
- Yellow (6%)
- Black (61%)



- Cyan (64%)
- Magenta (61%)
- Yellow (63%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 10.9912, 12.1978, 12.3648 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 10.9912, 12.1978, 12.3648 by changing the saturation by 10% instead.

■ 10.9912, 12.1978,
12.3648

■ 10.9912, 12.1978,
12.3648

191.5167,
205.7104, 217.8686

■ 6.1282, 6.8785,
6.8671

■ 27.2770, 29.8548,
30.8321

■ 2.9646, 3.3863,
3.3019

■ 39.4305, 42.9614,
44.6387

■ 1.1351, 1.3366,
1.2508

■ 54.7448, 59.4326,
62.0521

■ 0.0541, 0.1692,
0.0209

■ 73.5853, 79.6526,
83.4907

■ 0.0000, 0.0000,
0.0000

96.3174, 104.0061,
109.3731

123.3065,

132.8773, 140.1179

154.9178,
166.6506, 176.1435

■ 10.9912, 12.1978,
12.3648

■ 10.9912, 12.1978,
12.3648

■ 9.7371, 11.5886,
10.6337

■ 12.4106, 12.8891,
14.2749

■ 8.6412, 11.0570,
9.0758

■ 14.0001, 13.6638,
16.3681

■ 7.6974, 10.6003,
7.6859

■ 15.7654, 14.5252,
18.6495

■ 6.8989, 10.2150,
6.4583

■ 17.7117, 15.4758,
21.1236

■ 6.2383, 9.8974,
5.3871

■ 19.8441, 16.5182,
23.7949

■ 5.7073, 9.6436,
4.4659

■ 22.1673, 17.6547,
26.6674

■ 5.2972, 9.4489,
3.6881

■ 24.6860, 18.8876,
29.7455

■ 4.9977, 9.3084,
3.0463

■ 27.4046, 20.2191,
33.0331

■ 4.7744, 9.2045,
2.5315

■ 30.3274, 21.6514,
36.5340

Harmonies

Analogous

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



11.2303, 12.1978, 11.6613



10.9912, 12.1978, 12.3648



10.9126, 12.1978, 13.3468

Triad

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



10.9912, 12.1978, 12.3648



11.6165, 12.1978, 15.3725



12.1941, 12.1978, 12.2572

Complementary

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



10.9912, 12.1978, 12.3648



11.2877, 11.2458, 13.1316

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.



12.3025, 12.1978, 13.2161



10.9912, 12.1978, 12.3648



11.9647, 12.1978, 15.0449

Square

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



10.9912, 12.1978, 12.3648



11.2690, 12.1978, 15.1160



12.2177, 12.1978, 14.2421



11.9244, 12.1978, 11.6015

Rectangle

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



10.9912, 12.1978, 12.3648



10.9604, 12.1978, 14.0373



12.2177, 12.1978, 14.2421



12.2509, 12.1978, 12.5530

Sweetspot

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



10.9915, 12.1983, 12.3651



20.7115, 22.0863, 23.6278



11.5408, 12.4917, 11.9283



5.1071, 5.4397, 5.8283



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.



10.9915, 12.1983, 12.3651



18.7396, 21.1268, 20.9537



11.1695, 12.2695, 13.3023



2.8227, 3.1528, 3.1676



6.3201, 12.2917, 3.1813



32.6568, 63.9853, 14.9807

Inverse Universe

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



11.2877, 11.2458, 13.1316



19.3978, 19.0099, 22.6571



11.1094, 11.1745, 12.1927



2.9081, 2.8779, 3.3888



8.7199, 4.3009, 9.1892



45.1164, 22.2866, 46.0179

Previews

White Background



This preview shows how the XYZ color 10.9912, 12.1978, 12.3648 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 10.9912, 12.1978, 12.3648 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

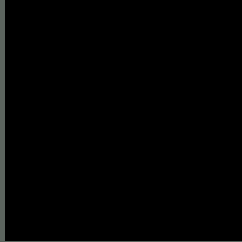
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

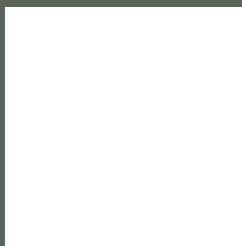
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 10.9912, 12.1978, 12.3648

Background



This preview shows how black text looks on a background with the XYZ color 10.9912, 12.1978, 12.3648.



This preview shows how white text looks on a background with the XYZ color 10.9912, 12.1978,

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

[10.9912](#), [12.1978](#), [12.3648](#)

Protanopia

[11.6173](#), [12.1064](#), [12.0804](#)

Deuteranopia

[12.3421](#), [12.1988](#), [12.5306](#)



Tritanopia

11.5853, 12.1557, 15.3713

Trichromacy



Original Color

10.9912, 12.1978, 12.3648

Protanomaly

11.3805, 12.1223, 12.0960

Deuteranomaly

11.8197, 12.2004, 12.5584

Tritanomaly

11.3743, 12.2101, 14.3277

Monochromacy



Original Color

10.9912, 12.1978, 12.3648

Achromatopsia

11.3621, 11.9538, 13.0177

Achromatomaly

11.1983, 12.0128, 12.7948

CSS Examples

Text

The CSS property to change the color of the text to XYZ 10.9912, 12.1978, 12.3648 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(92, 100, 94) looks like.

```
.text, #text, p{  
    color:rgb(92, 100, 94)  
}
```

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(92, 100, 94) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(92, 100, 94) }
```

Border

The CSS property to change the border of an element to XYZ 10.9912, 12.1978, 12.3648 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(92, 100, 94) }
```


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

```
.border{ border-color:rgb(92, 100, 94) }
```

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

Here you see how a box with a 4 pixel `rgb(92, 100, 94)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(92, 100, 94); -webkit-box-  
shadow:4px 4px 4px 4px rgb(92, 100, 94);  
box-shadow:4px 4px 4px 4px rgb(92, 100,  
94) }
```

Background

The CSS property to change the background color of an element to XYZ 10.9912, 12.1978, 12.3648 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(92, 100, 94) }
```

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

```
.background{ background-color: rgb(92, 100,  
94) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor