

Converting Colors

XYZ(10.9277, 11.4023, 9.7520)

Have a look what the booklet for
XYZ(10.9277, 11.4023, 9.7520)
contains.

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Color

**XYZ(10.9309, 11.3966,
9.8073)**

Conversions

Conversions Part 1

Format	Color
Hex	655E53
RGB	101, 94, 83
RGB Percent	40%, 37%, 33%
CMY	0.6039, 0.6314, 0.6745
CMYK	0.00, 0.07, 0.18, 0.60
HSL	37°, 10%, 36%
HSV	37°, 18%, 40%
XYZ	10.9309, 11.3966, 9.8073
YIQ	94.8390, 7.7030, -1.9370

Conversions

Conversions Part 2

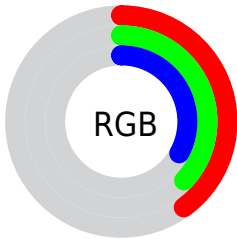
Format	Color
RYB	94, 101, 83
Decimal	6643283
CIELab	40.24, 0.73, 7.31
CIELCh	40, 7.351, 84.265
Yxy	11.3966, 0.3402, 0.3546
Android (android.graphics.Color)	4284833363 (0xFF655E53)
YUV	94.8390, -5.8366, 5.4032
Hunter-Lab	33.7589, -1.2808, 6.4068

Details

The XYZ color **10.9309, 11.3966, 9.8073** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **9.5725, 10.0909, 13.7554**, and the grayscale version is **10.8512, 11.4163, 12.4323**.

A 20% lighter version of the original color is **27.0870, 28.2879, 25.8623**, and **2.9281, 3.0381, 2.2658** is the 20% darker color. If you saturate the color by 10%, you get **10.2288, 10.5715, 7.7875**, and if you desaturate by 10%, it is **11.7083, 12.2810, 12.1328**.

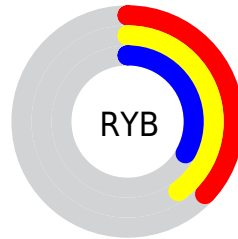
Distribution



Red (40%)

Green (37%)

Blue (33%)



Red (37%)

Yellow (40%)

Blue (33%)

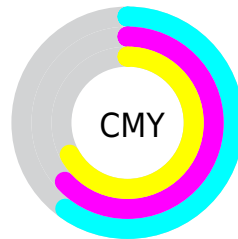


Cyan (0%)

Magenta (7%)

Yellow (18%)

Black (60%)



Cyan (60%)

Magenta (63%)

Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 10.9309, 11.3966, 9.8073 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 10.9309, 11.3966, 9.8073 by changing the saturation by 10% instead.

■ 10.9309, 11.3966,
9.8073

■ 10.9309, 11.3966,
9.8073

191.1110,
200.3686, 199.7257

■ 6.0873, 6.3343,
5.1674

■ 27.1664, 28.3913,
26.0345

■ 2.9394, 3.0494,
2.2854

■ 39.2891, 41.0923,
38.4590

■ 1.1218, 1.1576,
0.7230

■ 54.5688, 57.1085,
54.3154

■ 0.0432, 0.0266,
0.0000

■ 73.3709, 76.8241,
74.0223

■ 0.0000, 0.0000,
0.0000

■ 96.0609, 100.6235,
97.9983

123.0040,

128.8911, 126.6618

154.5655,
162.0114, 160.4315

■ 10.9309, 11.3966,
9.8073

■ 10.9309, 11.3966,
9.8073

■ 10.2288, 10.5715,
7.7875

■ 11.7083, 12.2810,
12.1328

■ 9.5982, 9.8027,
6.0597

■ 12.5625, 13.2246,
14.7755

■ 9.0367, 9.0890,
4.6102

■ 13.4963, 14.2293,
17.7471

■ 8.5410, 8.4289,
3.4240

■ 14.5120, 15.2964,
21.0585

■ 8.1078, 7.8205,
2.4846

■ 15.6118, 16.4272,
24.7203

■ 7.7334, 7.2618,
1.7735

■ 16.7979, 17.6228,
28.7424

■ 7.4134, 6.7506,
1.2698

■ 18.0722, 18.8845,
33.1343

■ 7.1336, 6.2808,
0.8995

■ 19.4367, 20.2135,
37.9053

■ 7.0749, 6.1827,
0.8205

■ 20.8933, 21.6108,
43.0644

Harmonies

Analogous

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



11.4179, 11.3966, 10.2561



10.9309, 11.3966, 9.8073



10.4322, 11.3966, 10.0097

Triad

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



10.9309, 11.3966, 9.8073



9.9583, 11.3966, 13.6053



11.6519, 11.3966, 14.1313

Complementary

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



10.9309, 11.3966, 9.8073



9.5725, 10.0909, 13.7554

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.



11.2422, 11.3966, 15.1638



10.9309, 11.3966, 9.8073



10.2667, 11.3966, 14.8438

Square

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



10.9309, 11.3966, 9.8073



9.8809, 11.3966, 12.1291



10.7339, 11.3966, 15.4343



11.8425, 11.3966, 12.6931

Rectangle

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



10.9309, 11.3966, 9.8073



10.1588, 11.3966, 10.4956



10.7339, 11.3966, 15.4343



11.5346, 11.3966, 14.5418

Sweetspot

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



10.9312, 11.3971, 9.8075



20.4801, 21.5075, 21.9910



10.3143, 9.6950, 11.0455



5.0216, 5.2724, 5.3569



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.



10.9312, 11.3971, 9.8075



18.2970, 19.0203, 15.4705



11.3827, 12.5961, 10.0152



2.9554, 3.0983, 3.0167



9.2359, 8.0249, 1.0622



47.3029, 40.1197, 5.2507

Inverse Universe

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



9.5725, 10.0909, 13.7554



15.5415, 16.3716, 23.4776



9.1706, 9.0483, 13.5753



2.7719, 2.9219, 3.5499



4.0040, 3.0797, 16.5277



20.0843, 14.4653, 85.9349

Previews

White Background



This preview shows how the XYZ color 10.9309, 11.3966, 9.8073 looks on a white background.

Color Contrast Check

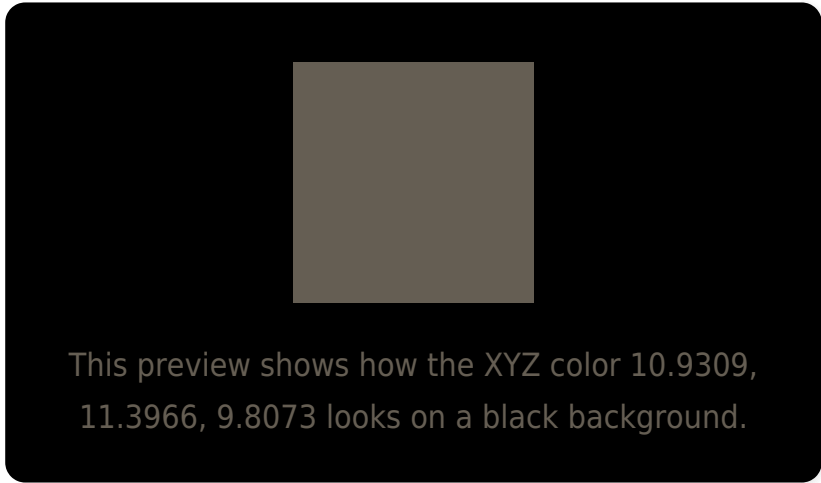
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

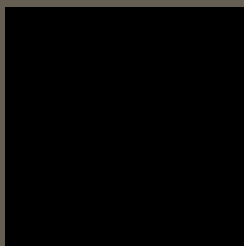
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 10.9309, 11.3966, 9.8073

Background



This preview shows how black text looks on a background with the XYZ color 10.9309, 11.3966, 9.8073.



This preview shows how white text looks on a background with the XYZ color 10.9309, 11.3966,

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

10.9309, 11.3966, 9.8073

Protanopia

10.7991, 11.4616, 9.8267

Deuteranopia

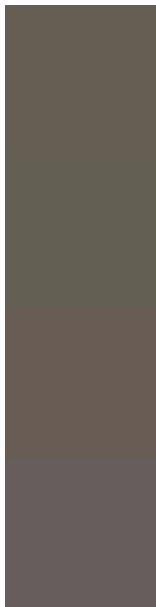
11.5257, 11.3104, 9.9632



Tritanopia

11.6728, 11.4387, 13.3970

Trichromacy



Original Color

10.9309, 11.3966, 9.8073

Protanomaly

10.9091, 11.5183, 9.8319

Deuteranomaly

11.2531, 11.2976, 9.9751

Tritanomaly

11.3696, 11.4438, 11.9656

Monochromacy



Original Color

10.9309, 11.3966, 9.8073

Achromatopsia

10.8771, 11.4435, 12.4620

Achromatomaly

10.9103, 11.4811, 11.5386

CSS Examples

Text

The CSS property to change the color of the text to XYZ 10.9309, 11.3966, 9.8073 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(101, 94, 83)` looks like.

```
.text, #text, p{  
    color:rgb(101, 94, 83)  
}
```

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(101, 94, 83) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(101, 94, 83) }
```

Border

The CSS property to change the border of an element to XYZ 10.9309, 11.3966, 9.8073 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(101, 94, 83) }
```


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

```
.border{ border-color:rgb(101, 94, 83) }
```

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

Here you see how a box with a 4 pixel `rgb(101, 94, 83)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(101, 94, 83); -webkit-box-  
shadow:4px 4px 4px 4px rgb(101, 94, 83);  
box-shadow:4px 4px 4px 4px rgb(101, 94,  
83) }
```

Background

The CSS property to change the background color of an element to XYZ 10.9309, 11.3966, 9.8073 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(101, 94, 83) }
```

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

```
.background{ background-color: rgb(101, 94,  
83) }
```

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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