

Converting Colors

XYZ(12.0434, 14.3148, 9.9138)

Have a look what the booklet for
XYZ(12.0434, 14.3148, 9.9138)
contains.

XYZ(11.9909, 14.2873, 9.9103)	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(11.9909, 14.2873,
9.9103)**

Conversions

Conversions Part 1

Format	Color
Hex	616E51
RGB	97, 110, 81
RGB Percent	38%, 43%, 32%
CMY	0.6196, 0.5686, 0.6823
CMYK	0.12, 0.00, 0.26, 0.57
HSL	87°, 15%, 37%
HSV	87°, 26%, 43%
XYZ	11.9909, 14.2873, 9.9103
YIQ	102.8070, 1.5610, -11.7750

Conversions

Conversions Part 2

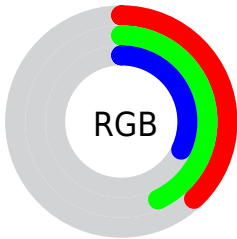
Format	Color
RYB	81, 110, 94
Decimal	6385233
CIELab	44.64, -10.62, 14.59
CIElCh	45, 18.046, 126.048
Yxy	14.2873, 0.3313, 0.3948
Android (android.graphics.Color)	4284575313 (0xFF616E51)
YUV	102.8070, -10.7509, -5.0927
Hunter-Lab	37.7985, -9.5216, 10.9139

Details

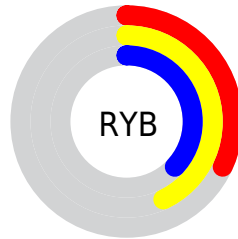
The XYZ color **11.9909, 14.2873, 9.9103** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **10.3735, 9.3907, 16.0184**, and the grayscale version is **12.8686, 13.5388, 14.7438**.

A 20% lighter version of the original color is **29.1623, 33.7483, 26.0961**, and **3.3565, 4.2507, 2.3126** is the 20% darker color. If you saturate the color by 10%, you get **11.1022, 13.8735, 7.8872**, and if you desaturate by 10%, it is **12.9798, 14.7460, 12.2876**.

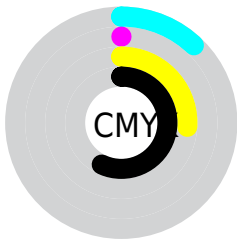
Distribution



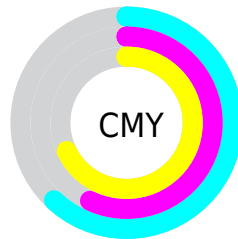
- Red (38%)
- Green (43%)
- Blue (32%)



- Red (32%)
- Yellow (43%)
- Blue (37%)



- Cyan (12%)
- Magenta (0%)
- Yellow (26%)
- Black (57%)



- Cyan (62%)
- Magenta (57%)
- Yellow (68%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 11.9909, 14.2873, 9.9103 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 11.9909, 14.2873, 9.9103 by changing the saturation by 10% instead.

■ 11.9909, 14.2873,
9.9103

■ 11.9909, 14.2873,
9.9103

198.1162,
219.0109, 200.4922

■ 6.8096, 8.3208,
5.2347

■ 29.0955, 33.5979,
26.2318

■ 3.3886, 4.3009,
2.3245

■ 41.7496, 47.7108,
38.7148

■ 1.3624, 1.8433,
0.7449

■ 57.6253, 65.3079,
54.6374

■ 0.2292, 0.5139,
0.0000

■ 77.0881, 86.7737,
74.4180

■ 0.0000, 0.0000,
0.0000

■ 100.5032,
112.4925, 98.4752

128.2360,

142.8487, 127.2277

160.6519,
178.2267, 161.0938

■ 11.9909, 14.2873,
9.9103

■ 11.9909, 14.2873,
9.9103

■ 11.1022, 13.8735,
7.8872

■ 12.9798, 14.7460,
12.2876

■ 10.3090, 13.5010,
6.2004

■ 14.0715, 15.2491,
15.0341

■ 9.6073, 13.1689,
4.8318

■ 15.2697, 15.7987,
18.1648

■ 8.9929, 12.8752,
3.7614

■ 16.5775, 16.3962,
21.6937

■ 8.4607, 12.6179,
2.9668

■ 17.9981, 17.0427,
25.6344

■ 8.0054, 12.3948,
2.4224

■ 19.5344, 17.7397,
29.9993

■ 7.6149, 12.2009,
2.0685

■ 21.1891, 18.4882,
34.8008

■ 7.4814, 12.1346,
1.9479

■ 22.9651, 19.2894,
40.0504

■ 24.8649, 20.1444,
45.7595

Harmonies

Analogous

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



13.2855, 14.2873, 8.8424



11.9909, 14.2873, 9.9103



11.1680, 14.2873, 12.5101

Triad

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



11.9909, 14.2873, 9.9103



12.4695, 14.2873, 24.1400



16.5730, 14.2873, 14.7232

Complementary

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



11.9909, 14.2873, 9.9103



10.3735, 9.3907, 16.0184

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.



16.3156, 14.2873, 19.0611



11.9909, 14.2873, 9.9103



13.8781, 14.2873, 25.0201

Square

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



11.9909, 14.2873, 9.9103



11.4302, 14.2873, 20.7942



15.3029, 14.2873, 23.0203



15.9830, 14.2873, 11.2815

Rectangle

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



11.9909, 14.2873, 9.9103



10.9626, 14.2873, 15.0078



15.3029, 14.2873, 23.0203



16.5832, 14.2873, 16.1183

Sweetspot

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



11.9913, 14.2879, 9.9106



24.3428, 26.6097, 25.4598



11.8804, 11.8381, 9.4436



5.6094, 6.1668, 5.7840



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.



11.9913, 14.2879, 9.9106



20.0255, 24.6104, 15.0295



10.6229, 13.5825, 9.8466



3.5045, 3.8454, 3.6309



8.9532, 14.5593, 2.3383



43.5959, 72.0085, 11.6013

Inverse Universe

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



10.3735, 9.3907, 16.0184



16.6428, 14.3687, 27.8035



11.9499, 10.2033, 16.0922



3.3464, 3.3669, 4.2277



4.8880, 2.1293, 17.8750



23.3845, 10.1095, 88.9980

Previews

White Background



This preview shows how the XYZ color 11.9909, 14.2873, 9.9103 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 11.9909, 14.2873, 9.9103 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 11.9909, 14.2873, 9.9103

Background



This preview shows how black text looks on a background with the XYZ color 11.9909, 14.2873, 9.9103.



This preview shows how white text looks on a background with the XYZ color 11.9909, 14.2873,

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

11.9909, 14.2873, 9.9103

Protanopia

13.2729, 14.1784, 9.4343

Deuteranopia

14.3834, 14.1428, 10.1554



Tritanopia

13.6708, 14.3478, 17.9685

Trichromacy



Original Color

11.9909, 14.2873, 9.9103

Protanomaly

12.7691, 14.2204, 9.6612

Deuteranomaly

13.4127, 14.0872, 9.9948

Tritanomaly

12.9115, 14.1840, 14.6277

Monochromacy



Original Color

11.9909, 14.2873, 9.9103

Achromatopsia

12.8919, 13.5633, 14.7705

Achromatomaly

12.5864, 13.9010, 12.8463

CSS Examples

Text

The CSS property to change the color of the text to XYZ 11.9909, 14.2873, 9.9103 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, 110, 81) looks like.

```
.text, #text, p{  
    color:rgb(97, 110, 81)  
}
```

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, 110, 81) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(97, 110, 81) }
```

Border

The CSS property to change the border of an element to XYZ 11.9909, 14.2873, 9.9103 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, 110, 81) }
```


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

```
.border{ border-color:rgb(97, 110, 81) }
```

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

Here you see how a box with a 4 pixel `rgb(97, 110, 81)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(97, 110, 81); -webkit-box-  
shadow:4px 4px 4px 4px rgb(97, 110, 81);  
box-shadow:4px 4px 4px 4px rgb(97, 110,  
81) }
```

Background

The CSS property to change the background color of an element to XYZ 11.9909, 14.2873, 9.9103 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(97, 110, 81) }
```

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

```
.background{ background-color: rgb(97, 110,  
81) }
```

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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