

Converting Colors

XYZ(11.2183, 10.9040, 14.0840)

Have a look what the booklet for
XYZ(11.2183, 10.9040, 14.0840)
contains.

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Color

**XYZ(11.2000, 10.9243,
14.0887)**

Conversions

Conversions Part 1

Format	Color
Hex	635A66
RGB	99, 90, 102
RGB Percent	39%, 35%, 40%
CMY	0.6118, 0.6470, 0.6000
CMYK	0.03, 0.12, 0.00, 0.60
HSL	285°, 6%, 38%
HSV	285°, 12%, 40%
XYZ	11.2000, 10.9243, 14.0887
YIQ	94.0590, 1.5120, 5.6400

Conversions

Conversions Part 2

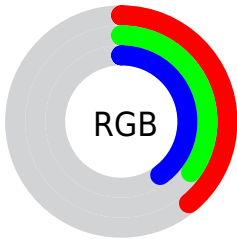
Format	Color
R _Y B	99, 90, 102
Decimal	6511206
CIE Lab	39.45, 6.11, -5.55
CIE LCh	39, 8.254, 317.749
Yxy	10.9243, 0.3093, 0.3017
Android (android.graphics.Color)	4284701286 (0xFF635A66)
YUV	94.0590, 3.9149, 4.3333
Hunter-Lab	33.0519, 2.6458, -2.1366

Details

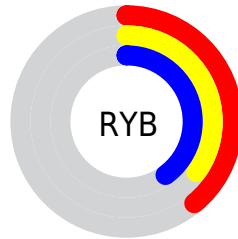
The XYZ color **11.2000, 10.9243, 14.0887** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **11.1115, 12.5684, 11.5138**, and the grayscale version is **10.6443, 11.1987, 12.1953**.

A 20% lighter version of the original color is **27.7055, 27.5401, 33.9925**, and **3.0064, 2.8073, 3.9978** is the 20% darker color. If you saturate the color by 10%, you get **10.1238, 9.1790, 13.8087**, and if you desaturate by 10%, it is **12.4037, 12.9112, 14.4089**.

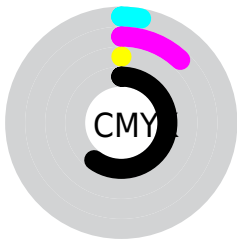
Distribution



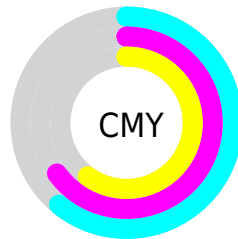
- Red (39%)
- Green (35%)
- Blue (40%)



- Red (39%)
- Yellow (35%)
- Blue (40%)



- Cyan (3%)
- Magenta (12%)
- Yellow (0%)
- Black (60%)



- Cyan (61%)
- Magenta (65%)
- Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 11.2000, 10.9243, 14.0887 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 11.2000, 10.9243, 14.0887 by changing the saturation by 10% instead.

■ 11.2000, 10.9243,
14.0887

■ 11.2000, 10.9243,
14.0887

192.9147,
197.1475, 229.2295

■ 6.2698, 6.0160,
8.0429

■ 27.6591, 27.5201,
33.9657

■ 3.0520, 2.8548,
4.0343

■ 39.9187, 39.9763,
48.6340

■ 1.1813, 1.0564,
1.6442

■ 55.3522, 55.7173,
67.0136

■ 0.0916, 0.0000,
0.3220

■ 74.3248, 75.1275,
89.5230

■ 0.0000, 0.0000,
0.0000

■ 97.2021, 98.5912,
116.5808

124.3492,

126.4928, 148.6054

156.1316,
159.2168, 186.0155

■ 11.2000, 10.9243,
14.0887

■ 11.2000, 10.9243,
14.0887

■ 10.1238, 9.1790,
13.8087

■ 12.4037, 12.9112,
14.4089

■ 9.1694, 7.6644,
13.5667

■ 13.7386, 15.1475,
14.7702

■ 8.3318, 6.3707,
13.3611

■ 15.2093, 17.6421,
15.1742

■ 7.6055, 5.2867,
13.1902

■ 16.8199, 20.4032,
15.6223

■ 6.9844, 4.4007,
13.0519

■ 18.5745, 23.4386,
16.1157

6.4618, 3.6992,
12.9440

20.4768, 26.7559,
16.6557

6.0303, 3.1674,
12.8641

22.5305, 30.3622,
17.2436

5.6803, 2.7866,
12.8091

24.7391, 34.2644,
17.8804

5.4181, 2.5161,
12.7707

27.1061, 38.4692,
18.5672

Harmonies

Analogous

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



10.7146, 10.9243, 15.0767



11.2000, 10.9243, 14.0887



11.4703, 10.9243, 12.5605

Triad

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



11.2000, 10.9243, 14.0887



10.6131, 10.9243, 9.1310



9.3920, 10.9243, 12.8588

Complementary

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



11.2000, 10.9243, 14.0887



11.1115, 12.5684, 11.5138

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.



9.3671, 10.9243, 11.2529



11.2000, 10.9243, 14.0887



10.0587, 10.9243, 9.1952

Square

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



11.2000, 10.9243, 14.0887



11.1234, 10.9243, 9.7569



9.6071, 10.9243, 9.9412



9.6766, 10.9243, 14.3240

Rectangle

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



11.2000, 10.9243, 14.0887



11.4860, 10.9243, 11.4841



9.6071, 10.9243, 9.9412



9.3534, 10.9243, 12.3150

Sweetspot

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



11.2003, 10.9248, 14.0889



21.2362, 21.7849, 25.1313



10.5471, 10.9974, 14.1374



4.9802, 5.0902, 5.9208



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.



11.2003, 10.9248, 14.0889



19.1231, 18.3111, 24.5722



11.3977, 11.0423, 13.3855



2.8725, 2.8563, 3.5319



6.9228, 3.2130, 16.3996



35.2778, 16.3306, 85.4942

Inverse Universe

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



11.1119, 10.9280, 11.8803



18.9417, 18.3210, 19.8897



10.9352, 12.4635, 12.1394



2.8550, 2.8566, 3.1088



7.2554, 3.7151, 1.4775



37.5349, 19.2539, 6.0941

Previews

White Background



This preview shows how the XYZ color 11.2000, 10.9243, 14.0887 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 11.2000, 10.9243, 14.0887 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

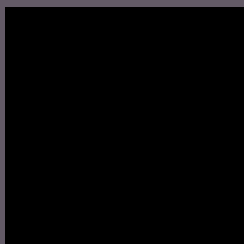
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 11.2000, 10.9243, 14.0887

Background



This preview shows how black text looks on a background with the XYZ color 11.2000, 10.9243, 14.0887.



This preview shows how white text looks on a background with the XYZ color 11.2000, 10.9243,

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

11.2000, 10.9243, 14.0887

Protanopia

10.6890, 10.9089, 14.3742

Deuteranopia

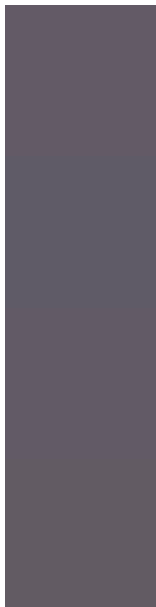
11.0914, 10.8683, 14.0836



Tritanopia

10.9827, 10.9607, 13.0920

Trichromacy



Original Color

11.2000, 10.9243, 14.0887

Protanomaly

10.9086, 10.8943, 14.3598

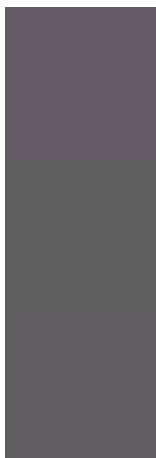
Deuteranomaly

11.0914, 10.8683, 14.0836

Tritanomaly

11.0302, 10.9797, 13.3423

Monochromacy



Original Color

11.2000, 10.9243, 14.0887

Achromatopsia

10.6392, 11.1932, 12.1894

Achromatomaly

10.8959, 11.1786, 12.8927

CSS Examples

Text

The CSS property to change the color of the text to XYZ 11.2000, 10.9243, 14.0887 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(99, 90, 102) looks like.

```
.text, #text, p{  
    color:rgb(99, 90, 102)  
}
```

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(99, 90, 102) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(99, 90, 102) }
```

Border

The CSS property to change the border of an element to XYZ 11.2000, 10.9243, 14.0887 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(99, 90, 102) }
```


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

```
.border{ border-color:rgb(99, 90, 102) }
```

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

Here you see how a box with a 4 pixel `rgb(99, 90, 102)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(99, 90, 102); -webkit-box-  
shadow:4px 4px 4px 4px rgb(99, 90, 102);  
box-shadow:4px 4px 4px 4px rgb(99, 90,  
102) }
```

Background

The CSS property to change the background color of an element to XYZ 11.2000, 10.9243, 14.0887 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(99, 90, 102) }
```

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

```
.background{ background-color: rgb(99, 90,  
102) }
```

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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