

Converting Colors

XYZ(10.9688, 9.9472, 14.0894)

Have a look what the booklet for
XYZ(10.9688, 9.9472, 14.0894)
contains.

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Color

**XYZ(11.0209, 9.9906,
14.1795)**

Conversions

Conversions Part 1

Format	Color
Hex	665367
RGB	102, 83, 103
RGB Percent	40%, 33%, 40%
CMY	0.6000, 0.6745, 0.5961
CMYK	0.01, 0.19, 0.00, 0.60
HSL	297°, 11%, 36%
HSV	297°, 19%, 40%
XYZ	11.0209, 9.9906, 14.1795
YIQ	90.9610, 4.9040, 10.2480

Conversions

Conversions Part 2

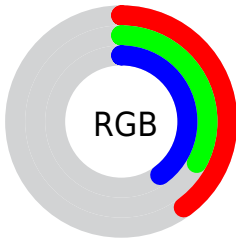
Format	Color
R_{YB}	102, 83, 103
Decimal	6706023
CIE _{Lab}	37.83, 11.81, -8.57
CIE _{LCh}	38, 14.593, 324.026
Yxy	9.9906, 0.3132, 0.2839
Android (android.graphics.Color)	4284896103 (0xFF665367)
YUV	90.9610, 5.9352, 9.6812
Hunter-Lab	31.6079, 6.9247, -4.4723

Details

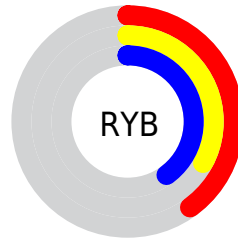
The XYZ color **11.0209, 9.9906, 14.1795** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **10.0682, 12.2102, 10.0103**, and the grayscale version is **9.9215, 10.4382, 11.3672**.

A 20% lighter version of the original color is **27.3571, 25.8805, 34.1254**, and **2.9825, 2.4840, 4.0636** is the 20% darker color. If you saturate the color by 10%, you get **10.2326, 8.5002, 13.9335**, and if you desaturate by 10%, it is **11.9273, 11.7163, 14.4650**.

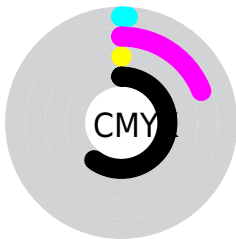
Distribution



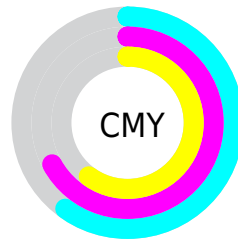
- Red (40%)
- Green (33%)
- Blue (40%)



- Red (40%)
- Yellow (33%)
- Blue (40%)



- Cyan (1%)
- Magenta (19%)
- Yellow (0%)
- Black (60%)



- Cyan (60%)
- Magenta (67%)
- Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 11.0209, 9.9906, 14.1795 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 11.0209, 9.9906, 14.1795 by changing the saturation by 10% instead.

■ 11.0209, 9.9906,
14.1795

■ 11.0209, 9.9906,
14.1795

191.7162,
190.6050, 229.8118

■ 6.1483, 5.3927,
8.1054

■ 27.3314, 25.7778,
34.1289

■ 2.9770, 2.4795,
4.0738

■ 39.5000, 37.7360,
48.8413

■ 1.1416, 0.8663,
1.6659

■ 54.8314, 52.9163,
67.2702

■ 0.0595, 0.0000,
0.3372

■ 73.6908, 71.7032,
89.8342

■ 0.0000, 0.0000,
0.0000

■ 96.4436, 94.4812,
116.9519

123.4552,

121.6345, 149.0416

155.0910,
153.5477, 186.5221

■ 11.0209, 9.9906,
14.1795

■ 11.0209, 9.9906,
14.1795

■ 10.2326, 8.5002,
13.9335

■ 11.9273, 11.7163,
14.4650

■ 9.5562, 7.2334,
13.7247

■ 12.9557, 13.6856,
14.7909

■ 8.9867, 6.1797,
13.5513

■ 14.1110, 15.9080,
15.1590

■ 8.5180, 5.3271,
13.4114

■ 15.3974, 18.3923,
15.5707

■ 8.1434, 4.6623,
13.3028

■ 16.8191, 21.1466,
16.0274

7.8557, 4.1706,
13.2231

18.3801, 24.1788,
16.5304

7.6463, 3.8350,
13.1694

20.0841, 27.4966,
17.0810

7.4786, 3.5822,
13.1294

21.9347, 31.1070,
17.6803

7.4688, 3.5675,
13.1271

23.9354, 35.0172,
18.3296

Harmonies

Analogous

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



10.2441, 9.9906, 16.2705



11.0209, 9.9906, 14.1795



11.3916, 9.9906, 11.4210

Triad

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



11.0209, 9.9906, 14.1795



9.6835, 9.9906, 6.5309



7.9514, 9.9906, 13.1040

Complementary

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



11.0209, 9.9906, 14.1795



10.0682, 12.2102, 10.0103

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.



7.8228, 9.9906, 10.3526



11.0209, 9.9906, 14.1795



8.7848, 9.9906, 6.8320

Square

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



11.0209, 9.9906, 14.1795



10.5877, 9.9906, 7.2312



8.1183, 9.9906, 8.1335



8.4816, 9.9906, 15.5819

Rectangle

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



11.0209, 9.9906, 14.1795



11.3424, 9.9906, 9.6812



8.1183, 9.9906, 8.1335



7.8613, 9.9906, 12.1697

Sweetspot

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



11.0212, 9.9910, 14.1797



21.9290, 22.0725, 26.0817



9.2122, 9.2114, 14.1246



5.3312, 5.3490, 6.3573



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.



11.0212, 9.9910, 14.1797



19.1077, 16.7024, 25.1939



10.7225, 9.8847, 12.0115



2.9231, 2.8824, 3.5343



9.3879, 4.4838, 16.5150



48.7396, 23.2704, 86.1242

Inverse Universe

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



10.2874, 9.7107, 9.7203



17.5546, 16.1099, 15.7168



10.3352, 12.3067, 11.8801



2.8345, 2.8485, 3.0012



7.0688, 3.6405, 0.4950



36.7709, 18.9484, 2.0710

Previews

White Background



This preview shows how the XYZ color 11.0209, 9.9906, 14.1795 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 ✓ Pass

Black Background



This preview shows how the XYZ color 11.0209, 9.9906, 14.1795 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 11.0209, 9.9906, 14.1795

Background



This preview shows how black text looks on a background with the XYZ color 11.0209, 9.9906, 14.1795.



This preview shows how white text looks on a background with the XYZ color 11.0209, 9.9906,

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

11.0209, 9.9906, 14.1795

Protanopia

9.8899, 9.9723, 15.3135

Deuteranopia

10.2201, 10.0510, 13.9718



Tritanopia

10.4358, 9.9790, 11.5013

Trichromacy



Original Color

11.0209, 9.9906, 14.1795

Protanomaly

10.2437, 9.9203, 15.0106

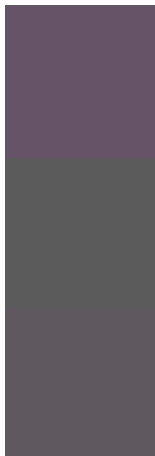
Deuteranomaly

10.5499, 10.1017, 13.9642

Tritanomaly

10.6485, 9.9519, 12.4260

Monochromacy



Original Color

11.0209, 9.9906, 14.1795

Achromatopsia

9.9438, 10.4616, 11.3927

Achromatomaly

10.2746, 10.2386, 12.2612

CSS Examples

Text

The CSS property to change the color of the text to XYZ 11.0209, 9.9906, 14.1795 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(102, 83, 103)` looks like.

```
.text, #text, p{  
    color:rgb(102, 83, 103)  
}
```

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(102, 83, 103) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(102, 83, 103) }
```

Border

The CSS property to change the border of an element to XYZ 11.0209, 9.9906, 14.1795 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(102, 83, 103) }
```


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

```
.border{ border-color:rgb(102, 83, 103) }
```

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

Here you see how a box with a 4 pixel `rgb(102, 83, 103)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(102, 83, 103); -webkit-box-shadow:4px 4px 4px 4px rgb(102, 83, 103); box-shadow:4px 4px 4px 4px rgb(102, 83, 103) }
```

Background

The CSS property to change the background color of an element to XYZ 11.0209, 9.9906, 14.1795 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(102, 83, 103) }
```

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

```
.background{ background-color: rgb(102, 83,  
103) }
```

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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