

Converting Colors

XYZ(9.1449, 10.9010, 15.0649)

Have a look what the booklet for
XYZ(9.1449, 10.9010, 15.0649)
contains.

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Color

**XYZ(9.0975, 10.8791,
14.9850)**

Conversions

Conversions Part 1

Format	Color
Hex	416269
RGB	65, 98, 105
RGB Percent	25%, 38%, 41%
CMY	0.7451, 0.6157, 0.5882
CMYK	0.38, 0.07, 0.00, 0.59
HSL	190°, 24%, 33%
HSV	190°, 38%, 41%
XYZ	9.0975, 10.8791, 14.9850
YIQ	88.9310, -21.9150, -4.8190

Conversions

Conversions Part 2

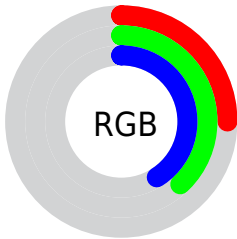
Format	Color
RYB	65, 83, 105
Decimal	4285033
CIELab	39.38, -9.97, -7.78
CIELCh	39, 12.651, 217.968
Yxy	10.8791, 0.2602, 0.3112
Android (android.graphics.Color)	4282475113 (0xFF416269)
YUV	88.9310, 7.9220, -20.9875
Hunter-Lab	32.9835, -8.4872, -3.8481

Details

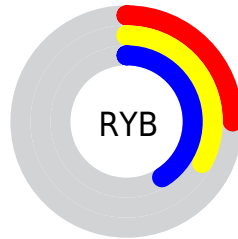
The XYZ color **9.0975, 10.8791, 14.9850** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **9.0975, 8.0199, 6.0699**, and the grayscale version is **9.4671, 9.9601, 10.8465**.

A 20% lighter version of the original color is **23.8184, 27.5400, 35.5129**, and **2.1787, 2.7923, 4.4271** is the 20% darker color. If you saturate the color by 10%, you get **8.2962, 10.2140, 14.8990**, and if you desaturate by 10%, it is **10.0327, 11.6196, 15.0788**.

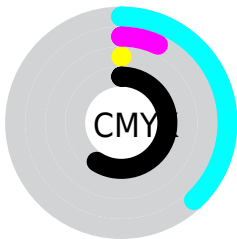
Distribution



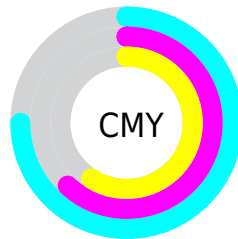
- Red (25%)
- Green (38%)
- Blue (41%)



- Red (25%)
- Yellow (33%)
- Blue (41%)



- Cyan (38%)
- Magenta (7%)
- Yellow (0%)
- Black (59%)



- Cyan (75%)
- Magenta (62%)
- Yellow (59%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 9.0975, 10.8791, 14.9850 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 9.0975, 10.8791, 14.9850 by changing the saturation by 10% instead.

9.0975, 10.8791,
14.9850

9.0975, 10.8791,
14.9850

178.2953,
196.8362, 234.9131

4.8625, 5.9856,
8.6624

23.7489, 27.4364,
35.5688

2.2007, 2.8363,
4.4278

34.8960, 39.8690,
50.6670

0.7431, 1.0469,
1.8629

49.0778, 55.5833,
69.5275

0.0000, 0.0000,
0.4689

66.6597, 74.9639,
92.5688

0.0000, 0.0000,
0.0000

88.0071, 98.3951,
120.2095

113.4852,

126.2613, 152.8681

143.4595,
158.9469, 190.9631

■ 9.0975, 10.8791,
14.9850

■ 9.0975, 10.8791,
14.9850

■ 8.2962, 10.2140,
14.8990

■ 10.0327, 11.6196,
15.0788

■ 7.6205, 9.6192,
14.8198

■ 11.1075, 12.4378,
15.1801

■ 7.0629, 9.0910,
14.7473

■ 12.3283, 13.3371,
15.2893

■ 6.6147, 8.6250,
14.6810

■ 13.7010, 14.3207,
15.4069

■ 6.2656, 8.2158,
14.6204

■ 15.2311, 15.3915,
15.5329

■ 5.9813, 7.8456,
14.5639

■ 16.9238, 16.5521,
15.6677

■ 5.9279, 7.7761,
14.5533

■ 18.7840, 17.8053,
15.8115

■ 20.8166, 19.1533,
15.9646

■ 23.0261, 20.5987,
16.1271

Harmonies

Analogous

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



8.7960, 10.8791, 12.5103



9.0975, 10.8791, 14.9850



9.7357, 10.8791, 16.7684

Triad

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



9.0975, 10.8791, 14.9850



11.9405, 10.8791, 13.7011



10.1140, 10.8791, 7.7674

Complementary

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



9.0975, 10.8791, 14.9850



9.0975, 8.0199, 6.0699

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.



10.9693, 10.8791, 7.9948



9.0975, 10.8791, 14.9850



12.0555, 10.8791, 11.2046

Square

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



9.0975, 10.8791, 14.9850



11.3851, 10.8791, 15.9589



11.6913, 10.8791, 9.1783



9.3614, 10.8791, 8.5076

Rectangle

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



9.0975, 10.8791, 14.9850



10.2821, 10.8791, 17.2019



11.6913, 10.8791, 9.1783



10.3987, 10.8791, 7.7354

Sweetspot

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



9.0978, 10.8795, 14.9853



21.3412, 23.3461, 27.3125



8.3907, 11.6908, 7.8887



4.9510, 5.4335, 6.3937



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.



9.0978, 10.8795, 14.9853



14.9573, 18.3762, 26.6897



7.4783, 7.6404, 14.4454



3.1390, 3.4063, 3.9269



7.4824, 9.7992, 18.4193



37.5630, 48.8045, 93.6666

Inverse Universe

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



9.9209, 7.6661, 12.5125



16.7102, 11.8455, 21.3535



10.5784, 10.9819, 6.5636



3.1960, 3.1553, 3.7623



9.5237, 4.6616, 11.6520



48.2428, 23.6391, 57.8749

Previews

White Background



This preview shows how the XYZ color 9.0975, 10.8791, 14.9850 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 9.0975, 10.8791, 14.9850 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

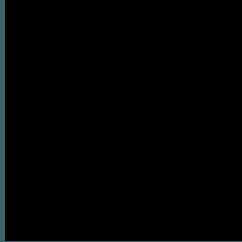
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 9.0975, 10.8791, 14.9850

Background



This preview shows how black text looks on a background with the XYZ color 9.0975, 10.8791, 14.9850.



This preview shows how white text looks on a background with the XYZ color 9.0975, 10.8791, 14.9850.

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

9.0975, 10.8791, 14.9850

Protanopia

10.5897, 10.8692, 13.8517

Deuteranopia

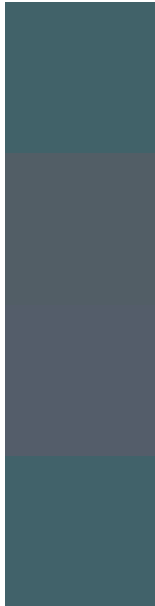
11.0293, 10.8068, 15.4145



Tritanopia

9.1492, 10.8998, 15.2573

Trichromacy



Original Color

9.0975, 10.8791, 14.9850

Protanomaly

9.8807, 10.7586, 14.1262

Deuteranomaly

10.1720, 10.7541, 15.1753

Tritanomaly

9.1492, 10.8998, 15.2573

Monochromacy



Original Color

9.0975, 10.8791, 14.9850

Achromatopsia

9.4954, 9.9899, 10.8790

Achromatomaly

9.2010, 10.1860, 12.3076

CSS Examples

Text

The CSS property to change the color of the text to XYZ 9.0975, 10.8791, 14.9850 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(65, 98, 105) looks like.

```
.text, #text, p{  
    color:rgb(65, 98, 105)  
}
```

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(65, 98, 105) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(65, 98, 105) }
```

Border

The CSS property to change the border of an element to XYZ 9.0975, 10.8791, 14.9850 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(65, 98, 105) }
```


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

```
.border{ border-color:rgb(65, 98, 105) }
```

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

Here you see how a box with a 4 pixel rgb(65, 98, 105) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(65, 98, 105); -webkit-box-  
shadow:4px 4px 4px 4px rgb(65, 98, 105);  
box-shadow:4px 4px 4px 4px rgb(65, 98,  
105) }
```

Background

The CSS property to change the background color of an element to XYZ 9.0975, 10.8791, 14.9850 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(65, 98, 105) }
```

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

```
.background{ background-color: rgb(65, 98,  
105) }
```

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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