

Converting Colors

XYZ(14.3950, 15.0493, 16.9397)

Have a look what the booklet for
XYZ(14.3950, 15.0493, 16.9397)
contains.

XYZ(14.3614, 15.0391, 16.8978)	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(14.3614, 15.0391,
16.8978)**

Conversions

Conversions Part 1

Format	Color
Hex	6C6C6E
RGB	108, 108, 110
RGB Percent	42%, 42%, 43%
CMY	0.5765, 0.5765, 0.5686
CMYK	0.02, 0.02, 0.00, 0.57
HSL	240°, 1%, 43%
HSV	240°, 2%, 43%
XYZ	14.3614, 15.0391, 16.8978
YIQ	108.2280, -0.6420, 0.6220

Conversions

Conversions Part 2

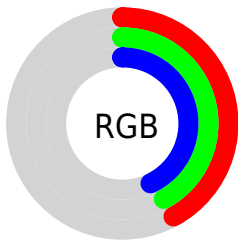
Format	Color
R_{YB}	108, 108, 110
Decimal	7105646
CIE Lab	45.69, 0.42, -1.12
CIE LCh	46, 1.195, 290.374
Yxy	15.0391, 0.3102, 0.3248
Android (android.graphics.Color)	4285295726 (0xFF6C6C6E)
YUV	108.2280, 0.8736, -0.2000
Hunter-Lab	38.7803, -1.7620, 1.3117

Details

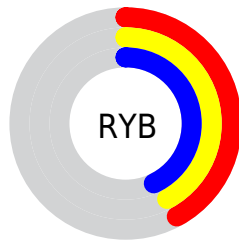
The XYZ color **14.3614, 15.0391, 16.8978** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **14.7131, 15.5494, 16.4134**, and the grayscale version is **14.3160, 15.0616, 16.4020**.

A 20% lighter version of the original color is **33.2178, 34.7758, 39.1441**, and **4.4904, 4.6885, 5.3709** is the 20% darker color. If you saturate the color by 10%, you get **12.0204, 12.2193, 16.4771**, and if you desaturate by 10%, it is **17.0182, 18.2394, 17.3757**.

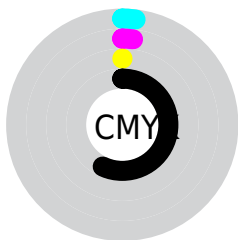
Distribution



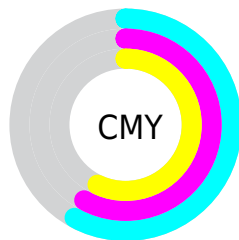
- Red (42%)
- Green (42%)
- Blue (43%)



- Red (42%)
- Yellow (42%)
- Blue (43%)



- Cyan (2%)
- Magenta (2%)
- Yellow (0%)
- Black (57%)



- Cyan (58%)
- Magenta (58%)
- Yellow (57%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 14.3614, 15.0391, 16.8978 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 14.3614, 15.0391, 16.8978 by changing the saturation by 10% instead.

■ 14.3614, 15.0391,
16.8978

■ 14.3614, 15.0391,
16.8978

212.9336,
223.6028, 246.6067

■ 8.4558, 8.8468,
10.0005

■ 33.3099, 34.9218,
38.9382

■ 4.4422, 4.6414,
5.2937

■ 47.0834, 49.3809,
54.9184

■ 1.9552, 2.0384,
2.3588

■ 64.2104, 67.3645,
74.7632

■ 0.6086, 0.6297,
0.7639

■ 85.0562, 89.2570,
98.8913

■ 0.0000, 0.0000,
0.0000

109.9860,
115.4426, 127.7212

139.3653,

146.3059, 161.6713

173.5593,
182.2311, 201.1603

■ 14.3614, 15.0391,
16.8978

■ 14.3614, 15.0391,
16.8978

■ 12.0204, 12.2193,
16.4771

■ 17.0182, 18.2394,
17.3757

■ 9.9822, 9.7641,
16.1107

■ 20.0005, 21.8315,
17.9119

■ 8.2349, 7.6590,
15.7964

■ 23.3193, 25.8288,
18.5085

■ 6.7651, 5.8883,
15.5321

■ 26.9847, 30.2434,
19.1674

■ 5.5587, 4.4345,
15.3151

■ 31.0063, 35.0870,
19.8904

■ 4.6000, 3.2792,
15.1426

■ 35.3933, 40.3706,
20.6790

■ 3.8718, 2.4016,
15.0116

■ 40.1548, 46.1049,
21.5349

■ 3.3549, 1.7783,
14.9185

■ 45.2992, 52.3004,
22.4596

■ 3.0260, 1.3816,
14.8593

■ 50.8350, 58.9671,
23.4546

Harmonies

Analogous

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



14.2620, 15.0391, 16.9251



14.3614, 15.0391, 16.8978



14.4431, 15.0391, 16.7295

Triad

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



14.3614, 15.0391, 16.8978



14.4175, 15.0391, 15.9537



14.1051, 15.0391, 16.2829

Complementary

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



14.3614, 15.0391, 16.8978



14.7131, 15.5494, 16.4134

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.



14.1463, 15.0391, 16.0256



14.3614, 15.0391, 16.8978



14.3265, 15.0391, 15.8370

Square

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



14.3614, 15.0391, 16.8978



14.4756, 15.0391, 16.1837



14.2272, 15.0391, 15.8631



14.1143, 15.0391, 16.5679

Rectangle

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



14.3614, 15.0391, 16.8978



14.4765, 15.0391, 16.5611



14.2272, 15.0391, 15.8631



14.1135, 15.0391, 16.1904

Sweetspot

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



14.3618, 15.0397, 16.8981



25.5707, 26.8326, 29.7387



14.5732, 15.4653, 16.9596



5.9591, 6.2546, 6.9219



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.



14.3618, 15.0397, 16.8981



25.1189, 26.2884, 29.6575



14.4798, 15.1002, 16.9036



3.6558, 3.8285, 4.3005



3.3825, 1.3552, 17.8049



16.8455, 6.7428, 88.6928

Inverse Universe

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



14.5001, 15.1231, 16.3430



25.3927, 26.4535, 28.5582



14.5937, 15.4882, 16.4079



3.6907, 3.8496, 4.1603



7.7256, 3.9826, 0.3653



38.4828, 19.8384, 1.8086

Previews

White Background



This preview shows how the XYZ color 14.3614, 15.0391, 16.8978 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 14.3614, 15.0391, 16.8978 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

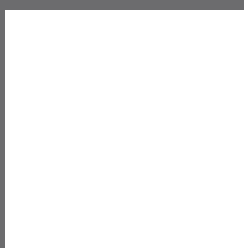
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 14.3614, 15.0391, 16.8978

Background



This preview shows how black text looks on a background with the XYZ color 14.3614, 15.0391, 16.8978.



This preview shows how white text looks on a background with the XYZ color 14.3614, 15.0391,

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

14.3614, 15.0391, 16.8978

Protanopia

14.6074, 15.1659, 16.9093

Deuteranopia

15.2569, 15.0328, 17.1364



Tritanopia

14.7168, 15.0276, 18.6479

Trichromacy

**Original Color**

14.3614, 15.0391, 16.8978

Protanomaly

14.4837, 15.1021, 16.9035

Deuteranomaly

14.9627, 15.0332, 17.1520

Tritanomaly

14.6016, 14.9815, 18.0417

Monochromacy

**Original Color**

14.3614, 15.0391, 16.8978

Achromatopsia

14.2537, 14.9960, 16.3306

Achromatomaly

14.3072, 15.0174, 16.6126

CSS Examples

Text

The CSS property to change the color of the text to XYZ 14.3614, 15.0391, 16.8978 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(108, 108, 110)` looks like.

```
.text, #text, p{  
    color:rgb(108, 108, 110)  
}
```

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(108, 108, 110) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(108, 108, 110) }
```

Border

The CSS property to change the border of an element to XYZ 14.3614, 15.0391, 16.8978 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(108, 108, 110) }
```


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

```
.border{ border-color:rgb(108, 108, 110) }
```

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

Here you see how a box with a 4 pixel `rgb(108, 108, 110)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(108, 108, 110); -webkit-box-  
shadow:4px 4px 4px 4px rgb(108, 108, 110);  
box-shadow:4px 4px 4px 4px rgb(108, 108,  
110) }
```

Background

The CSS property to change the background color of an element to XYZ 14.3614, 15.0391, 16.8978 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(108, 108, 110) }
```

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

```
.background{ background-color: rgb(108,  
108, 110) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor