

Converting Colors

XYZ(14.1002, 15.7145, 13.8455)

Have a look what the booklet for
XYZ(14.1002, 15.7145, 13.8455)
contains.

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Color

**XYZ(14.1731, 15.8179,
13.8614)**

Conversions

Conversions Part 1

Format	Color
Hex	6B7162
RGB	107, 113, 98
RGB Percent	42%, 44%, 38%
CMY	0.5804, 0.5569, 0.6157
CMYK	0.05, 0.00, 0.13, 0.56
HSL	84°, 7%, 41%
HSV	84°, 13%, 44%
XYZ	14.1731, 15.8179, 13.8614
YIQ	109.4960, 1.2390, -5.9370

Conversions

Conversions Part 2

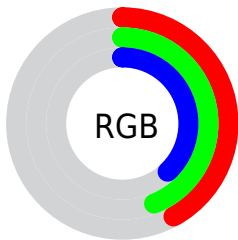
Format	Color
R _Y B	98, 113, 104
Decimal	7041378
CIE Lab	46.73, -5.27, 7.55
CIE LCh	47, 9.207, 124.887
Yxy	15.8179, 0.3232, 0.3607
Android (android.graphics.Color)	4285231458 (0xFF6B7162)
YUV	109.4960, -5.6675, -2.1890
Hunter-Lab	39.7717, -5.9900, 7.1762

Details

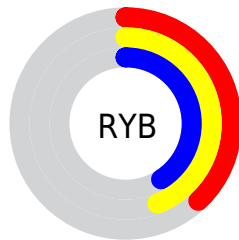
The XYZ color **14.1731, 15.8179, 13.8614** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **13.0579, 12.8711, 17.4198**, and the grayscale version is **14.6926, 15.4578, 16.8335**.

A 20% lighter version of the original color is **32.9805, 36.3493, 33.7116**, and **4.3736, 4.9892, 3.9813** is the 20% darker color. If you saturate the color by 10%, you get **13.1474, 15.3470, 11.2221**, and if you desaturate by 10%, it is **15.3034, 16.3350, 16.8995**.

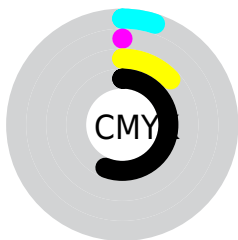
Distribution



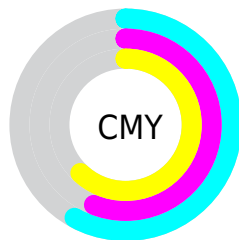
- Red (42%)
- Green (44%)
- Blue (38%)



- Red (38%)
- Yellow (44%)
- Blue (41%)



- Cyan (5%)
- Magenta (0%)
- Yellow (13%)
- Black (56%)



- Cyan (58%)
- Magenta (56%)
- Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 14.1731, 15.8179, 13.8614 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 14.1731, 15.8179, 13.8614 by changing the saturation by 10% instead.

■ 14.1731, 15.8179,
13.8614

■ 14.1731, 15.8179,
13.8614

211.7942,
228.2648, 227.7653

■ 8.3237, 9.3954,
7.8867

■ 32.9796, 36.2818,
33.5565

■ 4.3563, 5.0000,
3.9358

■ 46.6673, 51.0919,
48.1139

■ 1.9056, 2.2472,
1.5902

■ 63.6985, 69.4668,
66.3694

■ 0.5801, 0.7456,
0.2838

■ 84.4386, 91.7907,
88.7413

■ 0.0000, 0.0000,
0.0000

109.2528,
118.4480, 115.6483

138.5066,

149.8232, 147.5090

172.5652,
186.3007, 184.7418

■ 14.1731, 15.8179,
13.8614

■ 14.1731, 15.8179,
13.8614

■ 13.1474, 15.3470,
11.2221

■ 15.3034, 16.3350,
16.8995

■ 12.2216, 14.9187,
8.9641

■ 16.5405, 16.8976,
20.3511

■ 11.3921, 14.5322,
7.0700

■ 17.8879, 17.5078,
24.2311

■ 10.6550, 14.1857,
5.5206

■ 19.3488, 18.1667,
28.5536

■ 10.0058, 13.8775,
4.2951

■ 20.9260, 18.8757,
33.3321

■ 9.4397, 13.6055,
3.3703

■ 22.6225, 19.6358,
38.5793

■ 8.9512, 13.3676,
2.7200

■ 24.4408, 20.4483,
44.3075

■ 8.5330, 13.1607,
2.3087

■ 26.3837, 21.3142,
50.5286

■ 8.2745, 13.0322,
2.0794

■ 28.4537, 22.2346,
57.2541

Harmonies

Analogous

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



14.9040, 15.8179, 13.2021



14.1731, 15.8179, 13.8614



13.6864, 15.8179, 15.4231

Triad

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



14.1731, 15.8179, 13.8614



14.3921, 15.8179, 21.5201



16.6170, 15.8179, 16.8511

Complementary

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



14.1731, 15.8179, 13.8614



13.0579, 12.8711, 17.4198

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.



16.4682, 15.8179, 19.1578



14.1731, 15.8179, 13.8614



15.1656, 15.8179, 21.9872

Square

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



14.1731, 15.8179, 13.8614



13.8096, 15.8179, 19.8629



15.9300, 15.8179, 21.0884



16.3296, 15.8179, 14.8280

Rectangle

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



14.1731, 15.8179, 13.8614



13.5562, 15.8179, 16.8340



15.9300, 15.8179, 21.0884



16.6164, 15.8179, 17.6180

Sweetspot

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



14.1735, 15.8186, 13.8617



27.2267, 29.1692, 29.7801



13.9656, 14.2937, 13.5784



6.2666, 6.7321, 6.8054



55.7959, 58.7016, 63.9261



6.5000, 6.8385, 7.4471

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



14.1735, 15.8186, 13.8617



24.7800, 28.0498, 23.2552



13.3106, 15.3737, 13.8214



3.5189, 3.8529, 3.6315



9.3631, 14.7706, 2.3575



45.6492, 73.0670, 11.6974

Inverse Universe

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



13.0579, 12.8711, 17.4198



22.3591, 21.6536, 30.9766



13.9676, 13.3401, 17.4624



3.3322, 3.3595, 4.2270



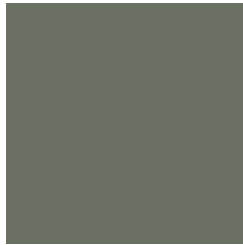
4.5979, 1.9797, 17.8614



21.9851, 9.3881, 88.9325

Previews

White Background



This preview shows how the XYZ color 14.1731, 15.8179, 13.8614 looks on a white background.

Color Contrast Check

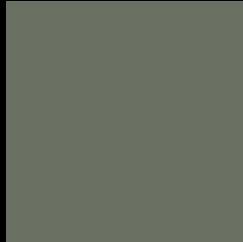
Large Text (above 18pt) WCAG AA ✓ Pass

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 14.1731, 15.8179, 13.8614 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

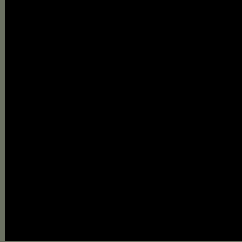
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

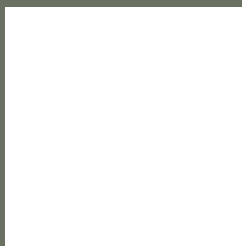
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 14.1731, 15.8179, 13.8614

Background



This preview shows how black text looks on a background with the XYZ color 14.1731, 15.8179, 13.8614.

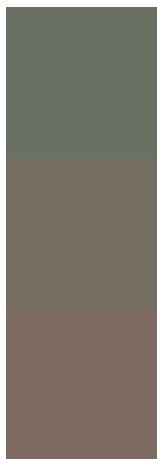


This preview shows how white text looks on a background with the XYZ color 14.1731, 15.8179,

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

14.1731, 15.8179, 13.8614

Protanopia

14.9361, 15.7279, 13.5578

Deuteranopia

15.9673, 15.7762, 14.0079



Tritanopia

15.3361, 15.7988, 19.6939

Trichromacy



Original Color

14.1731, 15.8179, 13.8614

Protanomaly

14.6522, 15.7427, 13.5756

Deuteranomaly

15.1920, 15.6897, 14.0321

Tritanomaly

14.8604, 15.7678, 17.2992

Monochromacy



Original Color

14.1731, 15.8179, 13.8614

Achromatopsia

14.5356, 15.2926, 16.6537

Achromatomaly

14.3101, 15.3599, 15.5751

CSS Examples

Text

The CSS property to change the color of the text to XYZ 14.1731, 15.8179, 13.8614 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(107, 113, 98)` looks like.

```
.text, #text, p{  
    color:rgb(107, 113, 98)  
}
```

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(107, 113, 98) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(107, 113, 98) }
```

Border

The CSS property to change the border of an element to XYZ 14.1731, 15.8179, 13.8614 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(107, 113, 98) }
```


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

```
.border{ border-color:rgb(107, 113, 98) }
```

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

Here you see how a box with a 4 pixel rgb(107, 113, 98) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(107, 113, 98); -webkit-box-  
shadow:4px 4px 4px 4px rgb(107, 113, 98);  
box-shadow:4px 4px 4px 4px rgb(107, 113,  
98) }
```

Background

The CSS property to change the background color of an element to XYZ 14.1731, 15.8179, 13.8614 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(107, 113, 98) }
```

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

```
.background{ background-color: rgb(107,  
113, 98) }
```

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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