

Converting Colors

XYZ(14.8218, 14.1562, 21.3367)

Have a look what the booklet for
XYZ(14.8218, 14.1562, 21.3367)
contains.

XYZ(14.7858, 14.1030, 21.3449)	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(14.7858, 14.1030,
21.3449)**

Conversions

Conversions Part 1

Format	Color
Hex	6E657D
RGB	110, 101, 125
RGB Percent	43%, 40%, 49%
CMY	0.5686, 0.6039, 0.5098
CMYK	0.12, 0.19, 0.00, 0.51
HSL	263°, 11%, 44%
HSV	263°, 19%, 49%
XYZ	14.7858, 14.1030, 21.3449
YIQ	106.4270, -2.3400, 9.3720

Conversions

Conversions Part 2

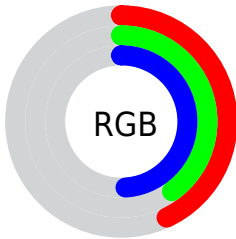
Format	Color
R_{YB}	110, 101, 125
Decimal	7234941
CIE Lab	44.38, 8.65, -12.08
CIE LCh	44, 14.856, 305.605
Yxy	14.1030, 0.2943, 0.2807
Android (android.graphics.Color)	4285425021 (0xFF6E657D)
YUV	106.4270, 9.1565, 3.1335
Hunter-Lab	37.5540, 4.5598, -7.4114

Details

The XYZ color **14.7858, 14.1030, 21.3449** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **16.8854, 19.3201, 15.1517**, and the grayscale version is **13.7933, 14.5116, 15.8031**.

A 20% lighter version of the original color is **34.1644, 33.3522, 46.7564**, and **4.6103, 4.1843, 7.4021** is the 20% darker color. If you saturate the color by 10%, you get **12.7338, 11.3787, 20.9274**, and if you desaturate by 10%, it is **17.1091, 17.2419, 21.8285**.

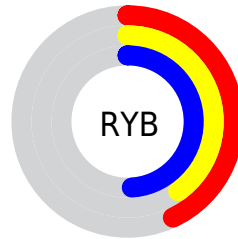
Distribution



Red (43%)

Green (40%)

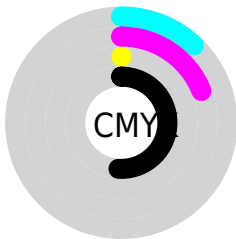
Blue (49%)



Red (43%)

Yellow (40%)

Blue (49%)

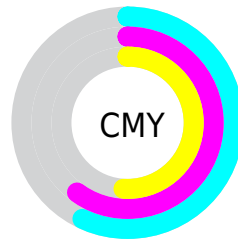


Cyan (12%)

Magenta (19%)

Yellow (0%)

Black (51%)



Cyan (57%)

Magenta (60%)

Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 14.7858, 14.1030, 21.3449 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 14.7858, 14.1030, 21.3449 by changing the saturation by 10% instead.

■ 14.7858, 14.1030,
21.3449

■ 14.7858, 14.1030,
21.3449

215.4802,
217.8707, 271.9468

■ 8.7545, 8.1923,
13.1827

■ 34.0517, 33.2717,
46.5491

■ 4.6372, 4.2183,
7.4222

■ 48.0171, 47.2985,
64.4281

■ 2.0686, 1.7964,
3.6451

■ 65.3578, 64.7994,
86.3830

■ 0.6720, 0.4849,
1.4327

■ 86.4394, 86.1590,
112.8326

■ 0.0000, 0.0000,
0.1671

111.6270,
111.7615, 144.1952

■ 0.0000, 0.0000,
0.0000

141.2861,

141.9913, 180.8894

175.7821,
177.2329, 223.3337

■ 14.7858, 14.1030,
21.3449

■ 14.7858, 14.1030,
21.3449

■ 12.7338, 11.3787,
20.9274

■ 17.1091, 17.2419,
21.8285

■ 10.9411, 9.0495,
20.5723

■ 19.7121, 20.8103,
22.3801

■ 9.3971, 7.0969,
20.2768

■ 22.6048, 24.8245,
23.0025

■ 8.0895, 5.5001,
20.0375

■ 25.7961, 29.2995,
23.6980

■ 7.0051, 4.2365,
19.8508

■ 29.2945, 34.2495,
24.4691

6.1291, 3.2805,
19.7124

33.1082, 39.6881,
25.3179

5.4449, 2.6027,
19.6176

37.2450, 45.6284,
26.2464

4.9081, 2.1188,
19.5525

41.7126, 52.0828,
27.2568

4.8683, 2.0821,
19.5476

46.5183, 59.0636,
28.3509

Harmonies

Analogous

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



13.6299, 14.1030, 22.8715



14.7858, 14.1030, 21.3449



15.6056, 14.1030, 18.2341

Triad

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



14.7858, 14.1030, 21.3449



14.3751, 14.1030, 10.1131



11.2473, 14.1030, 16.0069

Complementary

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



14.7858, 14.1030, 21.3449



16.8854, 19.3201, 15.1517

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.



11.4207, 14.1030, 12.7975



14.7858, 14.1030, 21.3449



13.1815, 14.1030, 9.6984

Square

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



14.7858, 14.1030, 21.3449



15.3588, 14.1030, 11.8376



12.1120, 14.1030, 10.6070



11.6234, 14.1030, 19.5100

Rectangle

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



14.7858, 14.1030, 21.3449



15.8259, 14.1030, 15.8650



12.1120, 14.1030, 10.6070



11.2436, 14.1030, 14.8575

Sweetspot

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



14.7862, 14.1036, 21.3452



32.0072, 32.7439, 39.3776



15.3374, 16.7848, 21.8337



7.2289, 7.3776, 8.9461



60.6688, 63.8283, 69.5090



7.9400, 8.3535, 9.0970

Same Dimension

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



14.7862, 14.1036, 21.3452



24.8182, 23.0403, 37.8835



16.3535, 14.9115, 21.4186



4.2494, 4.2842, 5.4162



5.0736, 2.1692, 20.4012



0.0000, 0.0000, 0.0000

Inverse Universe

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



16.2639, 14.9288, 18.5477



27.9979, 24.8175, 31.8003



15.4152, 18.5622, 15.0829



4.4319, 4.3859, 5.0788



10.2635, 5.1251, 7.9773



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the XYZ color 14.7858, 14.1030, 21.3449 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 14.7858, 14.1030, 21.3449 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

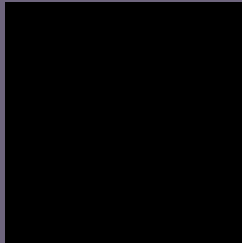
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 14.7858, 14.1030, 21.3449

Background



This preview shows how black text looks on a background with the XYZ color 14.7858, 14.1030, 21.3449.



This preview shows how white text looks on a background with the XYZ color 14.7858, 14.1030,

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

14.7858, 14.1030, 21.3449

Protanopia

14.0366, 14.1423, 22.0686

Deuteranopia

14.4958, 14.2453, 21.3877



Tritanopia

13.9592, 14.0585, 17.3071

Trichromacy



Original Color

14.7858, 14.1030, 21.3449

Protanomaly

14.3251, 14.1499, 21.7149

Deuteranomaly

14.5164, 14.1092, 21.3603

Tritanomaly

14.2689, 14.0383, 18.7872

Monochromacy



Original Color

14.7858, 14.1030, 21.3449

Achromatopsia

13.6994, 14.4128, 15.6956

Achromatomaly

13.9944, 14.2187, 17.6297

CSS Examples

Text

The CSS property to change the color of the text to XYZ 14.7858, 14.1030, 21.3449 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(110, 101, 125)` looks like.

```
.text, #text, p{  
    color:rgb(110, 101, 125)  
}
```

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(110, 101, 125) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(110, 101, 125) }
```

Border

The CSS property to change the border of an element to XYZ 14.7858, 14.1030, 21.3449 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(110, 101, 125) }
```


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

```
.border{ border-color:rgb(110, 101, 125) }
```

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

Here you see how a box with a 4 pixel `rgb(110, 101, 125)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(110, 101, 125); -webkit-box-  
shadow:4px 4px 4px 4px rgb(110, 101, 125);  
box-shadow:4px 4px 4px 4px rgb(110, 101,  
125) }
```

Background

The CSS property to change the background color of an element to XYZ 14.7858, 14.1030, 21.3449 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(110, 101, 125) }
```

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

```
.background{ background-color: rgb(110,  
101, 125) }
```

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