

Converting Colors

XYZ(15.0807, 14.2049, 20.8679)

Have a look what the booklet for
XYZ(15.0807, 14.2049, 20.8679)
contains.

XYZ(15.1018, 14.2733, 21.0279)	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(15.1018, 14.2733,
21.0279)**

Conversions

Conversions Part 1

Format	Color
Hex	71657C
RGB	113, 101, 124
RGB Percent	44%, 40%, 49%
CMY	0.5569, 0.6039, 0.5137
CMYK	0.09, 0.19, 0.00, 0.51
HSL	271°, 10%, 44%
HSV	271°, 19%, 49%
XYZ	15.1018, 14.2733, 21.0279
YIQ	107.2100, -0.2310, 9.6970

Conversions

Conversions Part 2

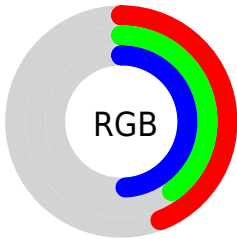
Format	Color
R_{YB}	113, 101, 124
Decimal	7431548
CIE _{Lab}	44.62, 9.51, -11.08
CIE _{LCh}	45, 14.603, 310.625
Yxy	14.2733, 0.2996, 0.2832
Android (android.graphics.Color)	4285621628 (0xFF71657C)
YUV	107.2100, 8.2775, 5.0778
Hunter-Lab	37.7800, 5.2367, -6.5541

Details

The XYZ color **15.1018, 14.2733, 21.0279** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **16.2393, 18.8001, 15.0855**, and the grayscale version is **14.0115, 14.7412, 16.0532**.

A 20% lighter version of the original color is **34.6811, 33.6301, 46.2583**, and **4.7691, 4.2702, 7.2295** is the 20% darker color. If you saturate the color by 10%, you get **13.2493, 11.6642, 20.6221**, and if you desaturate by 10%, it is **17.1867, 17.2727, 21.4972**.

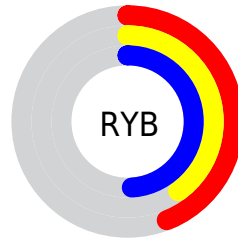
Distribution



Red (44%)

Green (40%)

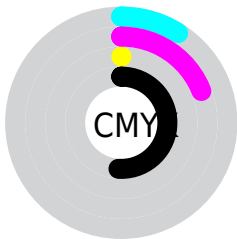
Blue (49%)



Red (44%)

Yellow (40%)

Blue (49%)

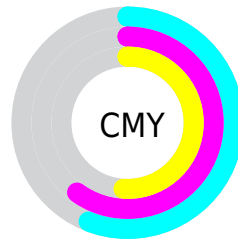


Cyan (9%)

Magenta (19%)

Yellow (0%)

Black (51%)



Cyan (56%)

Magenta (60%)

Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 15.1018, 14.2733, 21.0279 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 15.1018, 14.2733, 21.0279 by changing the saturation by 10% instead.

■ 15.1018, 14.2733,
21.0279

■ 15.1018, 14.2733,
21.0279

217.3577,
218.9245, 270.2126

■ 8.9776, 8.3110,
12.9530

■ 34.6019, 33.5732,
46.0154

■ 4.7836, 4.2946,
7.2658

■ 48.7085, 47.6795,
63.7649

■ 2.1543, 1.8397,
3.5479

■ 66.2066, 65.2694,
85.5765

■ 0.7185, 0.5117,
1.3808

■ 87.4616, 86.7271,
111.8686

■ 0.0000, 0.0000,
0.1267

112.8389,
112.4370, 143.0597

■ 0.0000, 0.0000,
0.0000

142.7038,

142.7837, 179.5684

177.4216,
178.1513, 221.8132

■ 15.1018, 14.2733,
21.0279

■ 15.1018, 14.2733,
21.0279

■ 13.2493, 11.6642,
20.6221

■ 17.1867, 17.2727,
21.4972

■ 11.6189, 9.4268,
20.2762

■ 19.5112, 20.6762,
22.0316

■ 10.2014, 7.5439,
19.9875

■ 22.0839, 24.4993,
22.6339

■ 8.9861, 5.9958,
19.7527

■ 24.9124, 28.7560,
23.3065

■ 7.9616, 4.7612,
19.5684

■ 28.0040, 33.4597,
24.0514

7.1152, 3.8161,
19.4306

31.3658, 38.6231,
24.8709

6.4321, 3.1328,
19.3347

35.0045, 44.2586,
25.7669

5.8745, 2.6372,
19.2685

38.9266, 50.3780,
26.7413

5.7977, 2.5686,
19.2593

43.1383, 56.9926,
27.7961

Harmonies

Analogous

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



13.9901, 14.2733, 22.8627



15.1018, 14.2733, 21.0279



15.8271, 14.2733, 17.8038

Triad

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



15.1018, 14.2733, 21.0279



14.3350, 14.2733, 10.1705



11.4514, 14.2733, 16.7735

Complementary

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



15.1018, 14.2733, 21.0279



16.2393, 18.8001, 15.0855

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.



11.5318, 14.2733, 13.4789



15.1018, 14.2733, 21.0279



13.1513, 14.2733, 9.9779

Square

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



15.1018, 14.2733, 21.0279



15.3669, 14.2733, 11.6741



12.1387, 14.2733, 11.1030



11.9123, 14.2733, 20.1799

Rectangle

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



15.1018, 14.2733, 21.0279



15.9701, 14.2733, 15.4702



12.1387, 14.2733, 11.1030



11.4167, 14.2733, 15.6124

Sweetspot

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



15.1022, 14.2739, 21.0282



31.1885, 31.7695, 38.0449



14.8125, 15.8366, 21.3451



7.2980, 7.4132, 8.9493



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.



15.1022, 14.2739, 21.0282



25.2319, 23.2124, 36.7072



16.5802, 15.0386, 20.9711



3.9785, 3.9868, 5.0030



5.8908, 2.6096, 19.5785



27.1114, 11.9385, 93.3452

Inverse Universe

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



15.8910, 14.7629, 17.3420



26.8984, 24.2452, 28.9366



14.9428, 18.1295, 15.1231



4.0707, 4.0440, 4.5700



9.2595, 4.6800, 4.6576



43.7438, 22.1538, 19.9785

Previews

White Background



This preview shows how the XYZ color 15.1018, 14.2733, 21.0279 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 15.1018, 14.2733, 21.0279 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 15.1018, 14.2733, 21.0279

Background



This preview shows how black text looks on a background with the XYZ color 15.1018, 14.2733, 21.0279.



This preview shows how white text looks on a background with the XYZ color 15.1018, 14.2733,

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

15.1018, 14.2733, 21.0279

Protanopia

14.1843, 14.3762, 21.7660

Deuteranopia

14.5517, 14.2815, 21.0584



Tritanopia

14.2750, 14.2277, 17.0328

Trichromacy



Original Color

15.1018, 14.2733, 21.0279

Protanomaly

14.4777, 14.3846, 21.4155

Deuteranomaly

14.6961, 14.2092, 21.0369

Tritanomaly

14.5858, 14.2084, 18.4967

Monochromacy



Original Color

15.1018, 14.2733, 21.0279

Achromatopsia

13.9749, 14.7027, 16.0113

Achromatomaly

14.3389, 14.5466, 17.6748

CSS Examples

Text

The CSS property to change the color of the text to XYZ 15.1018, 14.2733, 21.0279 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(113, 101, 124)` looks like.

```
.text, #text, p{  
    color:rgb(113, 101, 124)  
}
```

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(113, 101, 124) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(113, 101, 124) }
```

Border

The CSS property to change the border of an element to XYZ 15.1018, 14.2733, 21.0279 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(113, 101, 124) }
```


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

```
.border{ border-color:rgb(113, 101, 124) }
```

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

Here you see how a box with a 4 pixel `rgb(113, 101, 124)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(113, 101, 124); -webkit-box-  
shadow:4px 4px 4px 4px rgb(113, 101, 124);  
box-shadow:4px 4px 4px 4px rgb(113, 101,  
124) }
```

Background

The CSS property to change the background color of an element to XYZ 15.1018, 14.2733, 21.0279 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(113, 101, 124) }
```

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

```
.background{ background-color: rgb(113,  
101, 124) }
```

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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