

Converting Colors

XYZ(14.1011, 17.4434, 15.2449)

Have a look what the booklet for
XYZ(14.1011, 17.4434, 15.2449)
contains.

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Color

**XYZ(14.0973, 17.5049,
15.2061)**

Conversions

Conversions Part 1

Format	Color
Hex	5E7B66
RGB	94, 123, 102
RGB Percent	37%, 48%, 40%
CMY	0.6314, 0.5176, 0.6000
CMYK	0.24, 0.00, 0.17, 0.52
HSL	137°, 13%, 43%
HSV	137°, 24%, 48%
XYZ	14.0973, 17.5049, 15.2061
YIQ	111.9350, -10.5430, -12.6790

Conversions

Conversions Part 2

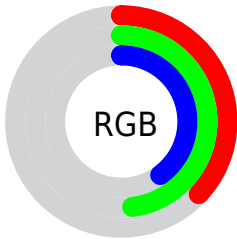
Format	Color
R_{YB}	94, 117, 123
Decimal	6191974
CIE _{Lab}	48.89, -15.03, 8.11
CIE _{LCh}	49, 17.080, 151.635
Y _{xy}	17.5049, 0.3012, 0.3740
Android (android.graphics.Color)	4284382054 (0xFF5E7B66)
YUV	111.9350, -4.8980, -15.7290
Hunter-Lab	41.8389, -13.0737, 7.7386

Details

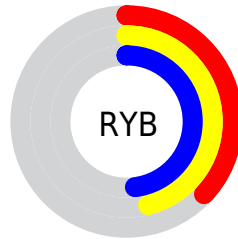
The XYZ color **14.0973, 17.5049, 15.2061** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **15.2662, 13.4545, 18.0128**, and the grayscale version is **15.3985, 16.2004, 17.6423**.

A 20% lighter version of the original color is **32.9522, 39.3703, 35.9995**, and **4.3107, 5.7777, 4.5024** is the 20% darker color. If you saturate the color by 10%, you get **12.5169, 16.7390, 12.9489**, and if you desaturate by 10%, it is **15.9272, 18.3949, 17.7235**.

Distribution



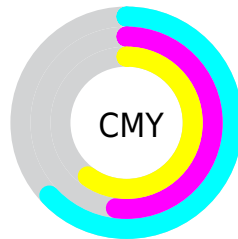
- Red (37%)
- Green (48%)
- Blue (40%)



- Red (37%)
- Yellow (46%)
- Blue (48%)



- Cyan (24%)
- Magenta (0%)
- Yellow (17%)
- Black (52%)



- Cyan (63%)
- Magenta (52%)
- Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 14.0973, 17.5049, 15.2061 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 14.0973, 17.5049, 15.2061 by changing the saturation by 10% instead.

■ 14.0973, 17.5049,
15.2061

■ 14.0973, 17.5049,
15.2061

211.3338,
238.0654, 236.2939

■ 8.2705, 10.5951,
8.8159

■ 32.8464, 39.1919,
35.9617

■ 4.3218, 5.7953,
4.5261

■ 46.4994, 54.7378,
51.1643

■ 1.8857, 2.7210,
1.9182

■ 63.4919, 73.9313,
70.1414

■ 0.5685, 0.9879,
0.5043

■ 84.1892, 97.1567,
93.3116

■ 0.0000, 0.0000,
0.0000

108.9567,
124.7984, 121.0934

138.1598,

157.2409, 153.9053

172.1637,
194.8684, 192.1660

■ 14.0973, 17.5049,
15.2061

■ 14.0973, 17.5049,
15.2061

■ 12.5169, 16.7390,
12.9489

■ 15.9272, 18.3949,
17.7235

■ 11.1736, 16.0895,
10.9425

■ 18.0154, 19.4120,
20.5080

■ 10.0559, 15.5512,
9.1785

■ 20.3721, 20.5616,
23.5674

■ 9.1511, 15.1177,
7.6476

■ 23.0066, 21.8485,
26.9091

■ 8.4448, 14.7818,
6.3400

■ 25.9276, 23.2770,
30.5401

■ 7.9209, 14.5354,
5.2451

■ 29.1435, 24.8513,
34.4671

■ 7.5592, 14.3684,
4.3514

■ 32.6622, 26.5753,
38.6968

■ 7.3710, 14.2817,
3.8762

■ 36.4916, 28.4529,
43.2353

■ 40.6390, 30.4878,
48.0889

Harmonies

Analogous

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



15.0898, 17.5049, 12.5517



14.0973, 17.5049, 15.2061



13.7732, 17.5049, 19.3100

Triad

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



14.0973, 17.5049, 15.2061



16.7250, 17.5049, 29.1852



19.3703, 17.5049, 14.8381

Complementary

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



14.0973, 17.5049, 15.2061



15.2662, 13.4545, 18.0128

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.



19.8745, 17.5049, 18.8119



14.0973, 17.5049, 15.2061



18.2884, 17.5049, 27.5002

Square

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



14.0973, 17.5049, 15.2061



15.2314, 17.5049, 27.8194



19.4667, 17.5049, 23.5152



18.1284, 17.5049, 12.3642

Rectangle

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



14.0973, 17.5049, 15.2061



13.9623, 17.5049, 22.4629



19.4667, 17.5049, 23.5152



19.6351, 17.5049, 16.0192

Sweetspot

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



14.0978, 17.5056, 15.2065



30.8612, 34.0789, 34.8751



16.2093, 18.6378, 13.3330



7.2296, 8.0072, 8.1622



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.



14.0978, 17.5056, 15.2065



23.7435, 30.6184, 25.1069



14.8656, 17.8128, 19.2496



3.9921, 4.4665, 4.4923



7.6228, 14.7728, 3.9986



36.0460, 70.3414, 17.4120

Inverse Universe

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



15.2662, 13.4545, 18.0128



26.1991, 22.1009, 31.0025



14.5091, 13.1517, 14.0262



4.1096, 4.0595, 4.7746



10.3162, 5.1026, 10.2221



48.8357, 24.1906, 46.7926

Previews

White Background



This preview shows how the XYZ color 14.0973, 17.5049, 15.2061 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 14.0973, 17.5049, 15.2061 looks on a black 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

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

XYZ 14.0973, 17.5049, 15.2061

Background



This preview shows how black text looks on a background with the XYZ color 14.0973, 17.5049, 15.2061.



This preview shows how white text looks on a background with the XYZ color 14.0973, 17.5049,

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

14.0973, 17.5049, 15.2061

Protanopia

16.4760, 17.5102, 14.0667

Deuteranopia

17.6529, 17.4131, 15.5274



Tritanopia

15.7049, 17.4313, 23.3057

Trichromacy



Original Color

14.0973, 17.5049, 15.2061

Protanomaly

15.5310, 17.5392, 14.3712

Deuteranomaly

16.1648, 17.3216, 15.3234

Tritanomaly

14.9760, 17.3062, 20.0039

Monochromacy



Original Color

14.0973, 17.5049, 15.2061

Achromatopsia

15.4009, 16.2029, 17.6450

Achromatomaly

14.7779, 16.5767, 16.6081

CSS Examples

Text

The CSS property to change the color of the text to XYZ 14.0973, 17.5049, 15.2061 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(94, 123, 102) looks like.

```
.text, #text, p{  
    color:rgb(94, 123, 102)  
}
```

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(94, 123, 102) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(94, 123, 102) }
```

Border

The CSS property to change the border of an element to XYZ 14.0973, 17.5049, 15.2061 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(94, 123, 102) }
```


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

```
.border{ border-color:rgb(94, 123, 102) }
```

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

Here you see how a box with a 4 pixel `rgb(94, 123, 102)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(94, 123, 102); -webkit-box-  
shadow:4px 4px 4px 4px rgb(94, 123, 102);  
box-shadow:4px 4px 4px 4px rgb(94, 123,  
102) }
```

Background

The CSS property to change the background color of an element to XYZ 14.0973, 17.5049, 15.2061 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(94, 123, 102) }
```

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

```
.background{ background-color: rgb(94, 123,  
102) }
```

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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