

Converting Colors

XYZ(14.9884, 18.1533, 15.1292)

Have a look what the booklet for
XYZ(14.9884, 18.1533, 15.1292)
contains.

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Color

**XYZ(14.9234, 18.1216,
15.0232)**

Conversions

Conversions Part 1

Format	Color
Hex	657C65
RGB	101, 124, 101
RGB Percent	40%, 49%, 40%
CMY	0.6039, 0.5137, 0.6039
CMYK	0.19, 0.00, 0.19, 0.51
HSL	120°, 10%, 44%
HSV	120°, 19%, 49%
XYZ	14.9234, 18.1216, 15.0232
YIQ	114.5010, -6.3250, -12.0290

Conversions

Conversions Part 2

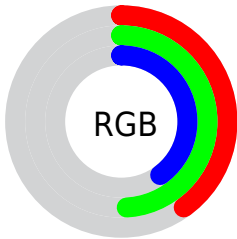
Format	Color
R_{YB}	101, 124, 124
Decimal	6650981
CIE Lab	49.64, -13.20, 9.83
CIE LCh	50, 16.462, 143.331
Yxy	18.1216, 0.3105, 0.3770
Android (android.graphics.Color)	4284841061 (0xFF657C65)
YUV	114.5010, -6.6560, -11.8404
Hunter-Lab	42.5695, -11.9206, 8.8746

Details

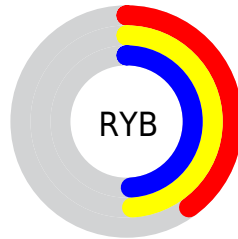
The XYZ color **14.9234, 18.1216, 15.0232** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **16.6045, 15.0480, 21.0988**, and the grayscale version is **16.1660, 17.0079, 18.5216**.

A 20% lighter version of the original color is **34.3385, 40.3867, 35.6913**, and **4.7033, 6.0828, 4.4162** is the 20% darker color. If you saturate the color by 10%, you get **13.0760, 17.2347, 12.0011**, and if you desaturate by 10%, it is **17.0730, 19.1547, 18.5388**.

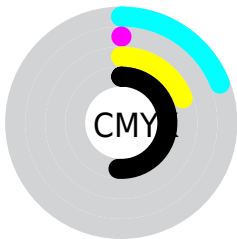
Distribution



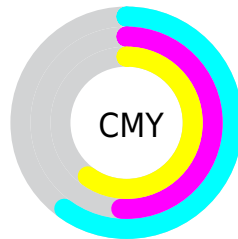
- Red (40%)
- Green (49%)
- Blue (40%)



- Red (40%)
- Yellow (49%)
- Blue (49%)



- Cyan (19%)
- Magenta (0%)
- Yellow (19%)
- Black (51%)



- Cyan (60%)
- Magenta (51%)
- Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 14.9234, 18.1216, 15.0232 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 14.9234, 18.1216, 15.0232 by changing the saturation by 10% instead.

■ 14.9234, 18.1216,
15.0232

■ 14.9234, 18.1216,
15.0232

216.2997,
241.5556, 235.1522

■ 8.8516, 11.0373,
8.6889

■ 34.2915, 40.2444,
35.6368

■ 4.7009, 6.0919,
4.4448

■ 48.3185, 56.0518,
50.7531

■ 2.1058, 2.9011,
1.8724

■ 65.7280, 75.5356,
69.6338

■ 0.6923, 1.0803,
0.4751

■ 86.8853, 99.0802,
92.6974

■ 0.0000, 0.0000,
0.0000

112.1558,
127.0702, 120.3625

141.9047,

159.8898, 153.0477

176.4976,
197.9234, 191.1714

■ 14.9234, 18.1216,
15.0232

■ 14.9234, 18.1216,
15.0232

■ 13.0760, 17.2347,
12.0011

■ 17.0730, 19.1547,
18.5388

■ 11.5159, 16.4854,
9.4493

■ 19.5359, 20.3378,
22.5672

■ 10.2291, 15.8672,
7.3445

■ 22.3245, 21.6773,
27.1284

■ 9.1999, 15.3728,
5.6610

■ 25.4501, 23.1787,
32.2408

■ 8.4109, 14.9939,
4.3705

■ 28.9235, 24.8471,
37.9218

■ 7.8427, 14.7209,
3.4410

■ 32.7548, 26.6875,
44.1884

■ 7.4729, 14.5433,
2.8360

■ 36.9539, 28.7045,
51.0565

■ 7.2404, 14.4316,
2.4557

■ 41.5302, 30.9028,
58.5417

■ 7.2081, 14.4161,
2.4028

■ 46.4929, 33.2866,
66.6588

Harmonies

Analogous

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



16.0606, 18.1216, 12.8342



14.9234, 18.1216, 15.0232



14.4072, 18.1216, 18.7482

Triad

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



14.9234, 18.1216, 15.0232



16.8773, 18.1216, 29.5781



20.1347, 18.1216, 16.5140

Complementary

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



14.9234, 18.1216, 15.0232



16.6045, 15.0480, 21.0988

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.



20.3860, 18.1216, 20.7482



14.9234, 18.1216, 15.0232



18.4423, 18.1216, 28.7403

Square

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



14.9234, 18.1216, 15.0232



15.4903, 18.1216, 27.4745



19.7497, 18.1216, 25.3328



19.0825, 18.1216, 13.5996

Rectangle

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



14.9234, 18.1216, 15.0232



14.4612, 18.1216, 21.7840



19.7497, 18.1216, 25.3328



20.3182, 18.1216, 17.8119

Sweetspot

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



14.9239, 18.1224, 15.0236



31.0352, 34.1827, 34.2452



17.8696, 19.6410, 15.1612



7.2594, 8.0266, 7.9838



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.



14.9239, 18.1224, 15.0236



24.9075, 31.2393, 24.2225



15.5275, 18.3638, 18.2022



3.9509, 4.4500, 4.2752



7.3273, 14.6546, 2.4426



34.9520, 69.9038, 11.6509

Inverse Universe

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



16.6045, 15.0480, 21.0988



28.4021, 24.8467, 36.8548



15.9189, 14.7738, 17.4887



4.1545, 4.0775, 5.0112



12.1483, 5.8355, 19.8696



57.9484, 27.8357, 94.7793

Previews

White Background



This preview shows how the XYZ color 14.9234, 18.1216, 15.0232 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 14.9234, 18.1216, 15.0232 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

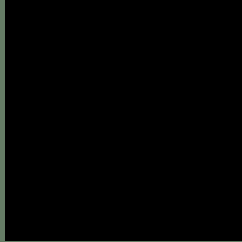
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 14.9234, 18.1216, 15.0232

Background



This preview shows how black text looks on a background with the XYZ color 14.9234, 18.1216, 15.0232.



This preview shows how white text looks on a background with the XYZ color 14.9234, 18.1216,

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

14.9234, 18.1216, 15.0232

Protanopia

16.9952, 18.1238, 14.1578

Deuteranopia

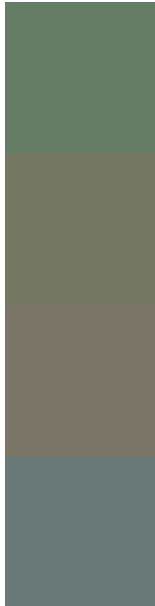
18.1848, 17.8579, 15.3204



Tritanopia

16.6896, 18.1088, 23.7348

Trichromacy



Original Color

14.9234, 18.1216, 15.0232

Protanomaly

16.1711, 18.0468, 14.4355

Deuteranomaly

16.7856, 17.8195, 15.1252

Tritanomaly

15.8761, 17.9497, 20.0806

Monochromacy



Original Color

14.9234, 18.1216, 15.0232

Achromatopsia

16.2955, 17.1441, 18.6699

Achromatomaly

15.7233, 17.3977, 17.2812

CSS Examples

Text

The CSS property to change the color of the text to XYZ 14.9234, 18.1216, 15.0232 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(101, 124, 101)` looks like.

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

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

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

Border

The CSS property to change the border of an element to XYZ 14.9234, 18.1216, 15.0232 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(101, 124, 101) }
```


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

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

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

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

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

Background

The CSS property to change the background color of an element to XYZ 14.9234, 18.1216, 15.0232 is called "background". The background property can be set on classes, ids or directly on the HTML element.

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

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

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

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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