

Converting Colors

XYZ(14.8795, 16.8353, 15.9362)

Have a look what the booklet for
XYZ(14.8795, 16.8353, 15.9362)
contains.

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Color

**XYZ(14.8550, 16.8067,
15.8257)**

Conversions

Conversions Part 1

Format	Color
Hex	6A7569
RGB	106, 117, 105
RGB Percent	42%, 46%, 41%
CMY	0.5843, 0.5412, 0.5882
CMYK	0.09, 0.00, 0.10, 0.54
HSL	115°, 5%, 44%
HSV	115°, 10%, 46%
XYZ	14.8550, 16.8067, 15.8257
YIQ	112.3430, -2.7040, -6.0640

Conversions

Conversions Part 2

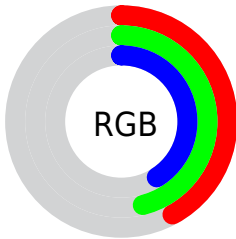
Format	Color
R_{YB}	105, 117, 116
Decimal	6976873
CIE _{Lab}	48.02, -6.60, 5.22
CIE _{LCh}	48, 8.413, 141.683
Yxy	16.8067, 0.3128, 0.3539
Android (android.graphics.Color)	4285166953 (0xFF6A7569)
YUV	112.3430, -3.6201, -5.5628
Hunter-Lab	40.9960, -7.0630, 5.8094

Details

The XYZ color **14.8550, 16.8067, 15.8257** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **15.4656, 15.1010, 18.9302**, and the grayscale version is **15.5132, 16.3211, 17.7737**.

A 20% lighter version of the original color is **34.0933, 37.9443, 36.9796**, and **4.6955, 5.4915, 4.8155** is the 20% darker color. If you saturate the color by 10%, you get **13.0988, 15.9666, 12.8174**, and if you desaturate by 10%, it is **16.8544, 17.7636, 19.2781**.

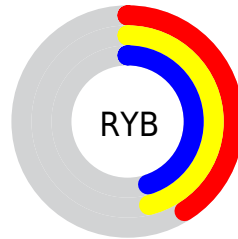
Distribution



Red (42%)

Green (46%)

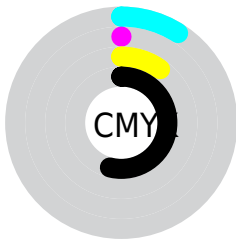
Blue (41%)



Red (41%)

Yellow (46%)

Blue (45%)

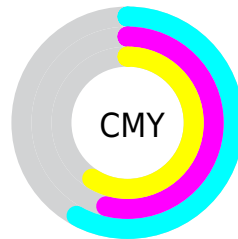


Cyan (9%)

Magenta (0%)

Yellow (10%)

Black (54%)



Cyan (58%)

Magenta (54%)

Yellow (59%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 14.8550, 16.8067, 15.8257 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 14.8550, 16.8067, 15.8257 by changing the saturation by 10% instead.

■ 14.8550, 16.8067,
15.8257

■ 14.8550, 16.8067,
15.8257

215.8927,
234.0560, 240.1215

■ 8.8033, 10.0968,
9.2479

■ 34.1724, 37.9931,
37.0579

■ 4.6692, 5.4632,
4.8042

■ 48.1688, 53.2384,
52.5494

■ 2.0873, 2.5215,
2.0761

■ 65.5441, 72.0976,
71.8492

■ 0.6823, 0.8874,
0.6015

■ 86.6638, 94.9551,
95.3758

■ 0.0000, 0.0000,
0.0000

111.8931,
122.1953, 123.5478

141.5975,

154.2026, 156.7837

176.1422,
191.3613, 195.5021

■ 14.8550, 16.8067,
15.8257

■ 14.8550, 16.8067,
15.8257

■ 13.0988, 15.9666,
12.8174

■ 16.8544, 17.7636,
19.2781

■ 11.5751, 15.2367,
10.2341

■ 19.1042, 18.8391,
23.1904

■ 10.2745, 14.6131,
8.0569

■ 21.6133, 20.0381,
27.5789

■ 9.1867, 14.0908,
6.2653

■ 24.3896, 21.3642,
32.4591

■ 8.3002, 13.6645,
4.8367

■ 27.4405, 22.8209,
37.8454

■ 7.6026, 13.3283,
3.7464

■ 30.7734, 24.4118,
43.7519

■ 7.0800, 13.0756,
2.9665

■ 34.3954, 26.1402,
50.1920

■ 6.7169, 12.8991,
2.4646

■ 38.3130, 28.0092,
57.1787

■ 6.4837, 12.7862,
2.1263

■ 42.5329, 30.0220,
64.7244

Harmonies

Analogous

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



15.4404, 16.8067, 14.6799



14.8550, 16.8067, 15.8257



14.5716, 16.8067, 17.7010

Triad

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



14.8550, 16.8067, 15.8257



15.7638, 16.8067, 22.7607



17.3709, 16.8067, 16.7966

Complementary

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



14.8550, 16.8067, 15.8257



15.4656, 15.1010, 18.9302

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.



17.4642, 16.8067, 18.9117



14.8550, 16.8067, 15.8257



16.5203, 16.8067, 22.4703

Square

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



14.8550, 16.8067, 15.8257



15.0853, 16.8067, 21.7833



17.1484, 16.8067, 21.0188



16.8975, 16.8067, 15.2087

Rectangle

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



14.8550, 16.8067, 15.8257



14.5856, 16.8067, 19.1602



17.1484, 16.8067, 21.0188



17.4484, 16.8067, 17.4652

Sweetspot

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



14.8555, 16.8074, 15.8261



29.1256, 31.3036, 32.6945



16.1321, 17.2934, 15.8526



6.6369, 7.1687, 7.4140



57.3938, 60.3827, 65.7568



6.9614, 7.3239, 7.9757

Same Dimension

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



14.8555, 16.8074, 15.8261



25.9200, 29.7701, 27.1691



15.0020, 16.8524, 17.2145



3.6663, 4.1115, 3.9426



7.1364, 14.0833, 2.3422



34.4601, 68.4666, 11.3991

Inverse Universe

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



15.4656, 15.1010, 18.9302



27.2135, 26.1519, 33.7505



15.3129, 15.0554, 17.4287



3.7980, 3.7432, 4.6126



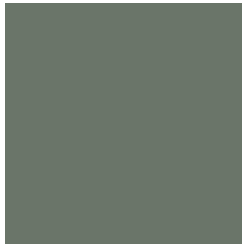
10.2454, 4.8730, 18.9432



49.5773, 23.5665, 92.2961

Previews

White Background



This preview shows how the XYZ color 14.8550, 16.8067, 15.8257 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 14.8550, 16.8067, 15.8257 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

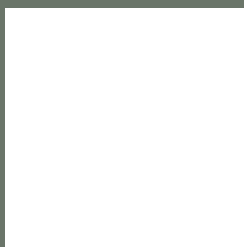
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 14.8550, 16.8067, 15.8257

Background



This preview shows how black text looks on a background with the XYZ color 14.8550, 16.8067, 15.8257.

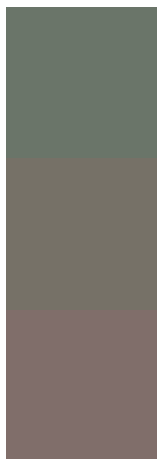


This preview shows how white text looks on a background with the XYZ color 14.8550, 16.8067,

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

14.8550, 16.8067, 15.8257

Protanopia

15.8245, 16.6411, 15.2100

Deuteranopia

17.0795, 16.7817, 15.9747



Tritanopia

15.8991, 16.7159, 21.1274

Trichromacy



Original Color

14.8550, 16.8067, 15.8257

Protanomaly

15.4554, 16.6115, 15.4885

Deuteranomaly

16.2524, 16.8439, 16.0303

Tritanomaly

15.4675, 16.7106, 18.9332

Monochromacy



Original Color

14.8550, 16.8067, 15.8257

Achromatopsia

15.4009, 16.2029, 17.6450

Achromatomaly

15.2080, 16.4538, 16.8423

CSS Examples

Text

The CSS property to change the color of the text to XYZ 14.8550, 16.8067, 15.8257 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(106, 117, 105)` looks like.

```
.text, #text, p{  
    color:rgb(106, 117, 105)  
}
```

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(106, 117, 105) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(106, 117, 105) }
```

Border

The CSS property to change the border of an element to XYZ 14.8550, 16.8067, 15.8257 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(106, 117, 105) }
```


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

```
.border{ border-color:rgb(106, 117, 105) }
```

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

Here you see how a box with a 4 pixel `rgb(106, 117, 105)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(106, 117, 105); -webkit-box-  
shadow:4px 4px 4px 4px rgb(106, 117, 105);  
box-shadow:4px 4px 4px 4px rgb(106, 117,  
105) }
```

Background

The CSS property to change the background color of an element to XYZ 14.8550, 16.8067, 15.8257 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(106, 117, 105) }
```

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

```
.background{ background-color: rgb(106,  
117, 105) }
```

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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