

Converting Colors

XYZ(15.0050, 15.8145, 14.7337)

Have a look what the booklet for
XYZ(15.0050, 15.8145, 14.7337)
contains.

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Color

**XYZ(14.9136, 15.6886,
14.8125)**

Conversions

Conversions Part 1

Format	Color
Hex	726E66
RGB	114, 110, 102
RGB Percent	45%, 43%, 40%
CMY	0.5529, 0.5686, 0.6000
CMYK	0.00, 0.04, 0.11, 0.55
HSL	40°, 6%, 42%
HSV	40°, 11%, 45%
XYZ	14.9136, 15.6886, 14.8125
YIQ	110.2840, 4.9520, -1.6400

Conversions

Conversions Part 2

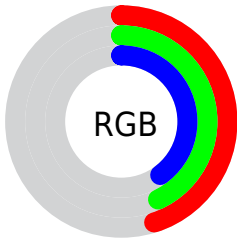
Format	Color
R_{YB}	108, 114, 102
Decimal	7499366
CIE _{Lab}	46.56, 0.01, 5.01
CIE _{LCh}	47, 5.006, 89.858
Yxy	15.6886, 0.3284, 0.3455
Android (android.graphics.Color)	4285689446 (0xFF726E66)
YUV	110.2840, -4.0840, 3.2589
Hunter-Lab	39.6088, -2.1063, 5.5535

Details

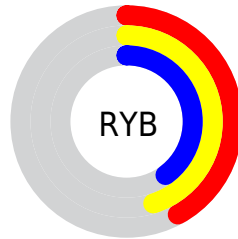
The XYZ color **14.9136, 15.6886, 14.8125** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **13.6706, 14.3473, 17.9684**, and the grayscale version is **14.9133, 15.6900, 17.0864**.

A 20% lighter version of the original color is **34.3960, 36.2476, 35.3206**, and **4.7139, 4.9891, 4.3290** is the 20% darker color. If you saturate the color by 10%, you get **13.9859, 14.6764, 11.9032**, and if you desaturate by 10%, it is **15.9375, 16.7684, 18.1380**.

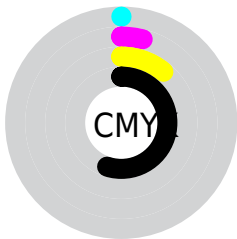
Distribution



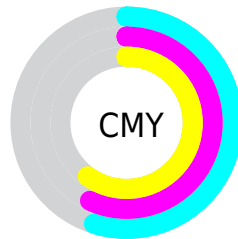
- Red (45%)
- Green (43%)
- Blue (40%)



- Red (42%)
- Yellow (45%)
- Blue (40%)



- Cyan (0%)
- Magenta (4%)
- Yellow (11%)
- Black (55%)



- Cyan (55%)
- Magenta (57%)
- Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 14.9136, 15.6886, 14.8125 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 14.9136, 15.6886, 14.8125 by changing the saturation by 10% instead.

■ 14.9136, 15.6886,
14.8125

■ 14.9136, 15.6886,
14.8125

216.2414,
227.4971, 233.8301

■ 8.8447, 9.3041,
8.5427

■ 34.2744, 36.0567,
35.2616

■ 4.6963, 4.9400,
4.3514

■ 48.2971, 50.8092,
50.2779

■ 2.1031, 2.2121,
1.8201

■ 65.7017, 69.1196,
69.0469

■ 0.6909, 0.7266,
0.4411

■ 86.8536, 91.3726,
91.9871

■ 0.0000, 0.0000,
0.0000

112.1182,
117.9525, 119.5169

141.8608,

149.2436, 152.0550

176.4467,
185.6303, 190.0199

■ 14.9136, 15.6886,
14.8125

■ 14.9136, 15.6886,
14.8125

■ 13.9859, 14.6764,
11.9032

■ 15.9375, 16.7684,
18.1380

■ 13.1497, 13.7281,
9.3922

■ 17.0596, 17.9153,
21.8942

■ 12.4019, 12.8425,
7.2622

■ 18.2831, 19.1317,
26.0966

■ 11.7386, 12.0178,
5.4939

■ 19.6112, 20.4189,
30.7592

■ 11.1556, 11.2519,
4.0666

■ 21.0464, 21.7784,
35.8956

■ 10.6484, 10.5426,
2.9570

■ 22.5915, 23.2117,
41.5189

■ 10.2119, 9.8874,
2.1395

■ 24.2490, 24.7199,
47.6415

■ 9.8400, 9.2837,
1.5839

■ 26.0214, 26.3045,
54.2754

■ 9.5258, 8.7501,
1.1869

■ 27.9111, 27.9667,
61.4323

Harmonies

Analogous

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



15.3325, 15.6886, 15.1069



14.9136, 15.6886, 14.8125



14.5019, 15.6886, 15.1014

Triad

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



14.9136, 15.6886, 14.8125



14.2028, 15.6886, 18.2939



15.6413, 15.6886, 18.3046

Complementary

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



14.9136, 15.6886, 14.8125



13.6706, 14.3473, 17.9684

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.



15.3288, 15.6886, 19.2291



14.9136, 15.6886, 14.8125



14.4984, 15.6886, 19.2227

Square

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



14.9136, 15.6886, 14.8125



14.0964, 15.6886, 17.0763



14.9095, 15.6886, 19.5727



15.7575, 15.6886, 17.0881

Rectangle

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



14.9136, 15.6886, 14.8125



14.2857, 15.6886, 15.5943



14.9095, 15.6886, 19.5727



15.5554, 15.6886, 18.6619

Sweetspot

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



14.9140, 15.6893, 14.8128



27.5318, 28.9719, 30.3119



14.2924, 14.1209, 15.6081



6.3375, 6.6691, 6.9131



55.7959, 58.7016, 63.9261



6.5000, 6.8385, 7.4471

Same Dimension

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



14.9140, 15.6893, 14.8128



25.7335, 27.0591, 24.5217



15.0978, 16.4387, 14.9478



3.5528, 3.7381, 3.6076



10.5884, 9.7092, 1.3160



51.9291, 46.7333, 6.2835

Inverse Universe

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



13.6706, 14.3473, 17.9684



23.0158, 24.1261, 31.4192



13.4977, 13.6609, 17.8450



3.3000, 3.4653, 4.2491



4.1372, 2.8647, 18.0565



19.8894, 12.8308, 89.7074

Previews

White Background



This preview shows how the XYZ color 14.9136, 15.6886, 14.8125 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 14.9136, 15.6886, 14.8125 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

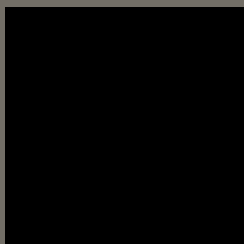
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

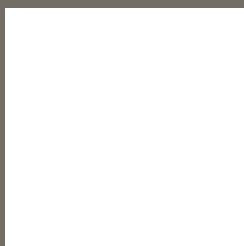
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 14.9136, 15.6886, 14.8125

Background



This preview shows how black text looks on a background with the XYZ color 14.9136, 15.6886, 14.8125.



This preview shows how white text looks on a background with the XYZ color 14.9136, 15.6886,

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

14.9136, 15.6886, 14.8125

Protanopia

14.9136, 15.6886, 14.8125

Deuteranopia

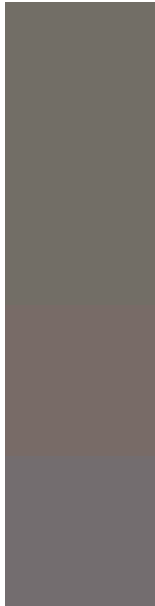
15.9144, 15.5724, 14.9990



Tritanopia

15.7174, 15.6991, 18.7248

Trichromacy



Original Color

14.9136, 15.6886, 14.8125

Protanomaly

14.9136, 15.6886, 14.8125

Deuteranomaly

15.4516, 15.4877, 15.0070

Tritanomaly

15.4081, 15.7298, 17.2630

Monochromacy



Original Color

14.9136, 15.6886, 14.8125

Achromatopsia

14.8208, 15.5926, 16.9804

Achromatomaly

14.7853, 15.5929, 16.1404

CSS Examples

Text

The CSS property to change the color of the text to XYZ 14.9136, 15.6886, 14.8125 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(114, 110, 102) looks like.

```
.text, #text, p{  
    color:rgb(114, 110, 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(114, 110, 102) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(114, 110, 102) }
```

Border

The CSS property to change the border of an element to XYZ 14.9136, 15.6886, 14.8125 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(114, 110, 102) }
```


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

```
.border{ border-color:rgb(114, 110, 102) }
```

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

Here you see how a box with a 4 pixel `rgb(114, 110, 102)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(114, 110, 102); -webkit-box-  
shadow:4px 4px 4px 4px rgb(114, 110, 102);  
box-shadow:4px 4px 4px 4px rgb(114, 110,  
102) }
```

Background

The CSS property to change the background color of an element to XYZ 14.9136, 15.6886, 14.8125 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(114, 110, 102) }
```

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

```
.background{ background-color: rgb(114,  
110, 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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