

Converting Colors

XYZ(14.4826, 15.0240, 14.6484)

Have a look what the booklet for
XYZ(14.4826, 15.0240, 14.6484)
contains.

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Color

**XYZ(14.4660, 14.9854,
14.7004)**

Conversions

Conversions Part 1

Format	Color
Hex	716B66
RGB	113, 107, 102
RGB Percent	44%, 42%, 40%
CMY	0.5569, 0.5804, 0.6000
CMYK	0.00, 0.05, 0.10, 0.56
HSL	27°, 5%, 42%
HSV	27°, 10%, 44%
XYZ	14.4660, 14.9854, 14.7004
YIQ	108.2240, 5.1810, -0.2830

Conversions

Conversions Part 2

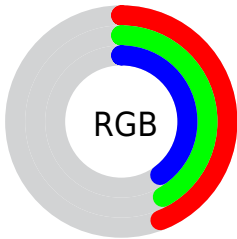
Format	Color
R _Y B	113, 111, 102
Decimal	7433062
CIE Lab	45.61, 1.38, 3.63
CIE LCh	46, 3.883, 69.216
Yxy	14.9854, 0.3276, 0.3394
Android (android.graphics.Color)	4285623142 (0xFF716B66)
YUV	108.2240, -3.0684, 4.1886
Hunter-Lab	38.7110, -1.0401, 4.5825

Details

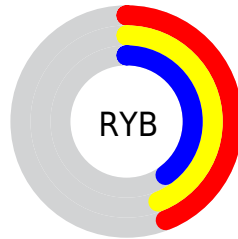
The XYZ color **14.4660, 14.9854, 14.7004** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **13.8226, 14.7419, 17.7398**, and the grayscale version is **14.3244, 15.0704, 16.4117**.

A 20% lighter version of the original color is **33.4937, 34.7530, 35.0797**, and **4.4854, 4.6314, 4.2720** is the 20% darker color. If you saturate the color by 10%, you get **13.3239, 13.5375, 11.7408**, and if you desaturate by 10%, it is **15.7312, 16.5567, 18.0784**.

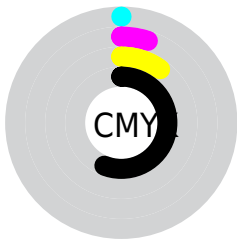
Distribution



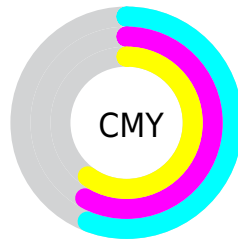
- Red (44%)
- Green (42%)
- Blue (40%)



- Red (44%)
- Yellow (44%)
- Blue (40%)



- Cyan (0%)
- Magenta (5%)
- Yellow (10%)
- Black (56%)



- Cyan (56%)
- Magenta (58%)
- Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 14.4660, 14.9854, 14.7004 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 14.4660, 14.9854, 14.7004 by changing the saturation by 10% instead.

■ 14.4660, 14.9854,
14.7004

■ 14.4660, 14.9854,
14.7004

213.5640,
223.2778, 233.1236

■ 8.5293, 8.8091,
8.4651

■ 33.4930, 34.8276,
35.0616

■ 4.4901, 4.6169,
4.3020

■ 47.3141, 49.2623,
50.0245

■ 1.9830, 2.0243,
1.7924

■ 64.4940, 67.2186,
68.7338

■ 0.6244, 0.6215,
0.4229

■ 85.3982, 89.0808,
91.6079

■ 0.0000, 0.0000,
0.0000

110.3919,
115.2335, 119.0654

139.8405,

146.0610, 151.5248

174.1094,
181.9476, 189.4047

■ 14.4660, 14.9854,
14.7004

■ 14.4660, 14.9854,
14.7004

■ 13.3239, 13.5375,
11.7408

■ 15.7312, 16.5567,
18.0784

■ 12.2995, 12.2080,
9.1820

■ 17.1220, 18.2525,
21.8893

■ 11.3890, 10.9943,
7.0068

■ 18.6424, 20.0763,
26.1482

■ 10.5880, 9.8928,
5.1963

■ 20.2960, 22.0309,
30.8692

■ 9.8914, 8.9001,
3.7300

■ 22.0861, 24.1190,
36.0657

■ 9.2941, 8.0121,
2.5852

■ 24.0158, 26.3432,
41.7506

■ 8.7900, 7.2248,
1.7366

■ 26.0884, 28.7060,
47.9363

■ 8.3726, 6.5335,
1.1550

■ 28.3068, 31.2099,
54.6347

■ 8.0198, 5.9275,
0.7301

■ 30.6740, 33.8572,
61.8574

Harmonies

Analogous

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



14.7327, 14.9854, 15.2114



14.4660, 14.9854, 14.7004



14.1434, 14.9854, 14.6135

Triad

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



14.4660, 14.9854, 14.7004



13.6354, 14.9854, 16.6048



14.6418, 14.9854, 17.7423

Complementary

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



14.4660, 14.9854, 14.7004



13.8226, 14.7419, 17.7398

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.



14.3435, 14.9854, 18.1470



14.4660, 14.9854, 14.7004



13.7646, 14.9854, 17.4740

Square

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



14.4660, 14.9854, 14.7004



13.6671, 14.9854, 15.6899



14.0226, 14.9854, 18.0470



14.8352, 14.9854, 16.9597

Rectangle

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



14.4660, 14.9854, 14.7004



13.9404, 14.9854, 14.8043



14.0226, 14.9854, 18.0470



14.5503, 14.9854, 17.9284

Sweetspot

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



14.4664, 14.9861, 14.7007



27.3868, 28.6818, 30.2636



14.2710, 14.0974, 16.1704



6.2965, 6.5871, 6.8995



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.



14.4664, 14.9861, 14.7007



25.3546, 26.1434, 24.8825



15.0524, 16.1581, 14.8961



3.4978, 3.6281, 3.5893



9.0676, 6.6677, 0.8091



44.3289, 31.5331, 3.7501

Inverse Universe

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



13.8226, 14.7419, 17.7398



23.9198, 25.5991, 31.6559



13.2659, 13.6285, 17.5543



3.3542, 3.5737, 4.2672



5.2914, 5.1731, 18.4412



25.4880, 24.0279, 91.5736

Previews

White Background



This preview shows how the XYZ color 14.4660, 14.9854, 14.7004 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 14.4660, 14.9854, 14.7004 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

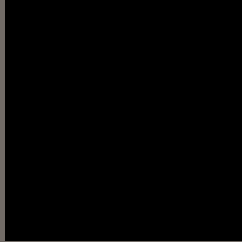
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 14.4660, 14.9854, 14.7004

Background



This preview shows how black text looks on a background with the XYZ color 14.4660, 14.9854, 14.7004.



This preview shows how white text looks on a background with the XYZ color 14.4660, 14.9854,

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

14.4660, 14.9854, 14.7004

Protanopia

14.3164, 15.0639, 14.7234

Deuteranopia

15.1442, 14.8730, 14.9045



Tritanopia

15.1591, 14.9629, 18.0087

Trichromacy



Original Color

14.4660, 14.9854, 14.7004

Protanomaly

14.4429, 15.1292, 14.7294

Deuteranomaly

14.8359, 14.8643, 14.9191

Tritanomaly

14.9079, 15.0113, 16.8636

Monochromacy



Original Color

14.4660, 14.9854, 14.7004

Achromatopsia

14.2537, 14.9960, 16.3306

Achromatomaly

14.3945, 15.0807, 15.7879

CSS Examples

Text

The CSS property to change the color of the text to XYZ 14.4660, 14.9854, 14.7004 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, 107, 102)` looks like.

```
.text, #text, p{  
    color:rgb(113, 107, 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(113, 107, 102) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(113, 107, 102) }
```

Border

The CSS property to change the border of an element to XYZ 14.4660, 14.9854, 14.7004 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, 107, 102) }
```


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

```
.border{ border-color:rgb(113, 107, 102) }
```

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

Here you see how a box with a 4 pixel `rgb(113, 107, 102)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(113, 107, 102); -webkit-box-  
shadow:4px 4px 4px 4px rgb(113, 107, 102);  
box-shadow:4px 4px 4px 4px rgb(113, 107,  
102) }
```

Background

The CSS property to change the background color of an element to XYZ 14.4660, 14.9854, 14.7004 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(113, 107, 102) }
```

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

```
.background{ background-color: rgb(113,  
107, 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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