

Converting Colors

XYZ(14.2300, 14.7460, 14.4030)

Have a look what the booklet for
XYZ(14.2300, 14.7460, 14.4030)
contains.

XYZ(14.1851, 14.6924, 14.4002)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(14.1851, 14.6924,
14.4002)**

Conversions

Conversions Part 1

Format	Color
Hex	706A65
RGB	112, 106, 101
RGB Percent	44%, 42%, 40%
CMY	0.5608, 0.5843, 0.6039
CMYK	0.00, 0.05, 0.10, 0.56
HSL	27°, 5%, 42%
HSV	27°, 10%, 44%
XYZ	14.1851, 14.6924, 14.4002
YIQ	107.2240, 5.1810, -0.2830

Conversions

Conversions Part 2

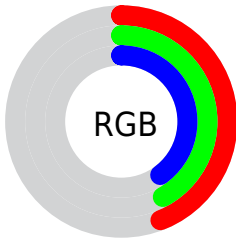
Format	Color
R_{YB}	112, 110, 101
Decimal	7367269
CIE Lab	45.21, 1.38, 3.64
CIE LCh	45, 3.890, 69.206
Yxy	14.6924, 0.3278, 0.3395
Android (android.graphics.Color)	4285557349 (0xFF706A65)
YUV	107.2240, -3.0684, 4.1886
Hunter-Lab	38.3307, -1.0208, 4.5572

Details

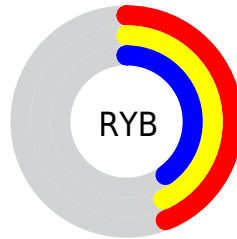
The XYZ color **14.1851, 14.6924, 14.4002** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **13.5491, 14.4517, 17.4048**, and the grayscale version is **14.0449, 14.7763, 16.0914**.

A 20% lighter version of the original color is **33.0343, 34.2735, 34.5801**, and **4.3442, 4.4843, 4.1266** is the 20% darker color. If you saturate the color by 10%, you get **13.0664, 13.2740, 11.5019**, and if you desaturate by 10%, it is **15.4243, 16.2317, 17.7080**.

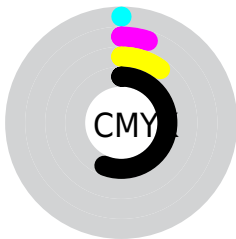
Distribution



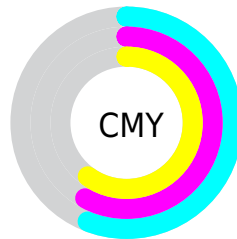
- Red (44%)
- Green (42%)
- Blue (40%)



- Red (44%)
- Yellow (43%)
- 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 14.1851, 14.6924, 14.4002 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 14.1851, 14.6924, 14.4002 by changing the saturation by 10% instead.

■ 14.1851, 14.6924,
14.4002

■ 14.1851, 14.6924,
14.4002

211.8670,
221.4968, 231.2208

■ 8.3321, 8.6038,
8.2576

■ 33.0006, 34.3126,
34.5247

■ 4.3618, 4.4837,
4.1701

■ 46.6938, 48.6131,
49.3438

■ 1.9088, 1.9476,
1.7191

■ 63.7312, 66.4196,
67.8921

■ 0.5819, 0.5768,
0.3738

■ 84.4780, 88.1165,
90.5881

■ 0.0000, 0.0000,
0.0000

109.2996,
114.0883, 117.8505

138.5614,

144.7194, 150.0977

172.6287,
180.3940, 187.7483

■ 14.1851, 14.6924,
14.4002

■ 14.1851, 14.6924,
14.4002

■ 13.0664, 13.2740,
11.5019

■ 15.4243, 16.2317,
17.7080

■ 12.0629, 11.9714,
8.9961

■ 16.7865, 17.8929,
21.4397

■ 11.1710, 10.7822,
6.8658

■ 18.2756, 19.6794,
25.6099

■ 10.3862, 9.7030,
5.0926

■ 19.8951, 21.5940,
30.2326

■ 9.7038, 8.7301,
3.6563

■ 21.6482, 23.6393,
35.3207

■ 9.1184, 7.8599,
2.5348

■ 23.5380, 25.8179,
40.8869

■ 8.6245, 7.0883,
1.7034

■ 25.5677, 28.1321,
46.9434

■ 8.2153, 6.4107,
1.1333

■ 27.7402, 30.5845,
53.5019

■ 7.8688, 5.8164,
0.7137

■ 30.0582, 33.1774,
60.5736

Harmonies

Analogous

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



14.4488, 14.6924, 14.9052



14.1851, 14.6924, 14.4002



13.8661, 14.6924, 14.3142

Triad

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



14.1851, 14.6924, 14.4002



13.3638, 14.6924, 16.2822



14.3588, 14.6924, 17.4077

Complementary

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



14.1851, 14.6924, 14.4002



13.5491, 14.4517, 17.4048

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.



14.0637, 14.6924, 17.8079



14.1851, 14.6924, 14.4002



13.4915, 14.6924, 17.1419

Square

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



14.1851, 14.6924, 14.4002



13.3952, 14.6924, 15.3777



13.7466, 14.6924, 17.7088



14.5501, 14.6924, 16.6337

Rectangle

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



14.1851, 14.6924, 14.4002



13.6655, 14.6924, 14.5027



13.7466, 14.6924, 17.7088



14.2682, 14.6924, 17.5917

Sweetspot

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



14.1855, 14.6930, 14.4005



26.3641, 27.6110, 29.1351



13.9924, 13.8149, 15.8530



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.



14.1855, 14.6930, 14.4005



24.4106, 25.1708, 23.9622



14.7649, 15.8519, 14.5937



3.4978, 3.6281, 3.5893



9.0675, 6.6675, 0.8090



44.3285, 31.5322, 3.7500

Inverse Universe

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



13.5491, 14.4517, 17.4048



23.0314, 24.6477, 30.4734



12.9989, 13.3513, 17.2214



3.3542, 3.5737, 4.2672



5.2915, 5.1733, 18.4413



25.4885, 24.0290, 91.5738

Previews

White Background



This preview shows how the XYZ color 14.1851, 14.6924, 14.4002 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 14.1851, 14.6924, 14.4002 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

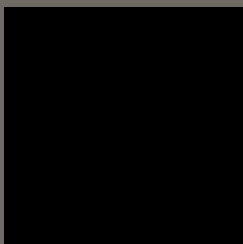
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 14.1851, 14.6924, 14.4002

Background



This preview shows how black text looks on a background with the XYZ color 14.1851, 14.6924, 14.4002.

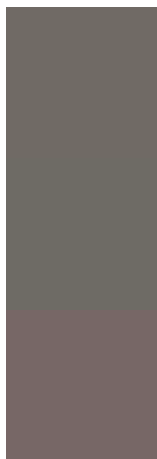


This preview shows how white text looks on a background with the XYZ color 14.1851, 14.6924,

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

14.1851, 14.6924, 14.4002

Protanopia

14.0371, 14.7700, 14.4230

Deuteranopia

14.8563, 14.5817, 14.6019



Tritanopia

14.8144, 14.6479, 17.3758

Trichromacy



Original Color

14.1851, 14.6924, 14.4002

Protanomaly

14.1622, 14.8345, 14.4288

Deuteranomaly

14.5510, 14.5729, 14.6163

Tritanomaly

14.5684, 14.6966, 16.2562

Monochromacy



Original Color

14.1851, 14.6924, 14.4002

Achromatopsia

13.9749, 14.7027, 16.0113

Achromatomaly

14.1142, 14.7865, 15.4748

CSS Examples

Text

The CSS property to change the color of the text to XYZ 14.1851, 14.6924, 14.4002 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(112, 106, 101)` looks like.

```
.text, #text, p{  
    color:rgb(112, 106, 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(112, 106, 101) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(112, 106, 101) }
```

Border

The CSS property to change the border of an element to XYZ 14.1851, 14.6924, 14.4002 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(112, 106, 101) }
```


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

```
.border{ border-color:rgb(112, 106, 101) }
```

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

Here you see how a box with a 4 pixel `rgb(112, 106, 101)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(112, 106, 101); -webkit-box-  
shadow:4px 4px 4px 4px rgb(112, 106, 101);  
box-shadow:4px 4px 4px 4px rgb(112, 106,  
101) }
```

Background

The CSS property to change the background color of an element to XYZ 14.1851, 14.6924, 14.4002 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(112, 106, 101) }
```

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

```
.background{ background-color: rgb(112,  
106, 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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor