

Converting Colors

XYZ(14.7045, 15.4143, 14.2692)

Have a look what the booklet for
XYZ(14.7045, 15.4143, 14.2692)
contains.

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Color

**XYZ(14.7083, 15.4348,
14.2606)**

Conversions

Conversions Part 1

| Format | Color |
|---------------|---------------------------|
| Hex | 726D64 |
| RGB | 114, 109, 100 |
| RGB Percent | 45%, 43%, 39% |
| CMY | 0.5529, 0.5725, 0.6078 |
| CMYK | 0.00, 0.04, 0.12, 0.55 |
| HSL | 39°, 7%, 42% |
| HSV | 39°, 12%, 45% |
| XYZ | 14.7083, 15.4348, 14.2606 |
| YIQ | 109.4690, 5.8690, -1.7390 |

Conversions

Conversions Part 2

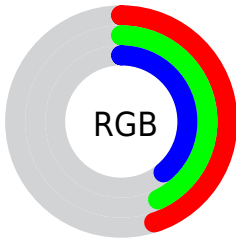
| Format | Color |
|-------------------------------------|--|
| RYB | 108, 114, 100 |
| Decimal | 7499108 |
| CIELab | 46.22, 0.23, 5.72 |
| CIElCh | 46, 5.720, 87.683 |
| Yxy | 15.4348, 0.3312, 0.3476 |
| Android (android.graphics.Color) | 4285689188 (0xFF726D64) |
| YUV | 109.4690, -4.6682, 3.9737 |
| Hunter-Lab | 39.2871, -1.9258, 5.9797 |

Details

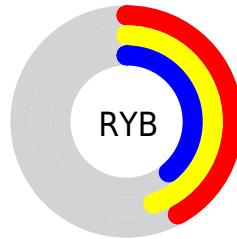
The XYZ color **14.7083, 15.4348, 14.2606** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **13.3443, 14.0270, 17.9238**, and the grayscale version is **14.6812, 15.4458, 16.8205**.

A 20% lighter version of the original color is **33.8826, 35.4830, 34.3412**, and **4.6120, 4.8605, 4.0633** is the 20% darker color. If you saturate the color by 10%, you get **13.7707, 14.3817, 11.4137**, and if you desaturate by 10%, it is **15.7440, 16.5604, 17.5216**.

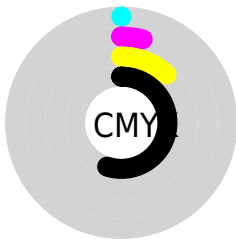
Distribution



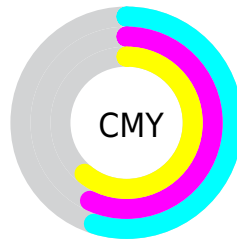
- Red (45%)
- Green (43%)
- Blue (39%)



- Red (42%)
- Yellow (45%)
- Blue (39%)



- Cyan (0%)
- Magenta (4%)
- Yellow (12%)
- Black (55%)



- Cyan (55%)
- Magenta (57%)
- Yellow (61%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 14.7083, 15.4348, 14.2606 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 14.7083, 15.4348, 14.2606 by changing the saturation by 10% instead.

■ 14.7083, 15.4348,
14.2606

■ 14.7083, 15.4348,
14.2606

215.0174,
225.9831, 230.3306

■ 8.6999, 9.1251,
8.1613

■ 33.9165, 35.6142,
34.2745

■ 4.6015, 4.8229,
4.1091

■ 47.8470, 50.2526,
49.0261

■ 2.0477, 2.1437,
1.6854

■ 65.1490, 68.4361,
67.4990

■ 0.6606, 0.6890,
0.3507

■ 86.1877, 90.5491,
90.1117

■ 0.0000, 0.0000,
0.0000

111.3285,
116.9758, 117.2826

140.9368,

148.1008, 149.4304

175.3780,
184.3084, 186.9735

■ 14.7083, 15.4348,
14.2606

■ 14.7083, 15.4348,
14.2606

■ 13.7707, 14.3817,
11.4137

■ 15.7440, 16.5604,
17.5216

■ 12.9267, 13.3972,
8.9630

■ 16.8800, 17.7581,
21.2116

■ 12.1728, 12.4800,
6.8908

■ 18.1196, 19.0303,
25.3460

■ 11.5051, 11.6282,
5.1777

■ 19.4659, 20.3786,
29.9392

■ 10.9194, 10.8396,
3.8023

■ 20.9217, 21.8045,
35.0047

■ 10.4109, 10.1118,
2.7413

■ 22.4898, 23.3095,
40.5558

■ 9.9743, 9.4421,
1.9680

■ 24.1726, 24.8950,
46.6050

■ 9.6031, 8.8277,
1.4505

■ 25.9728, 26.5624,
53.1644

■ 9.3423, 8.3830,
1.1257

■ 27.8929, 28.3131,
60.2458

Harmonies

Analogous

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



15.1778, 15.4348, 14.6351



14.7083, 15.4348, 14.2606



14.2386, 15.4348, 14.5362

Triad

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



14.7083, 15.4348, 14.2606



13.8548, 15.4348, 18.0858



15.4779, 15.4348, 18.2843

Complementary

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



14.7083, 15.4348, 14.2606



13.3443, 14.0270, 17.9238

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.



15.1107, 15.4348, 19.3003



14.7083, 15.4348, 14.2606



14.1742, 15.4348, 19.1814

Square

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



14.7083, 15.4348, 14.2606



13.7523, 15.4348, 16.6974



14.6324, 15.4348, 19.6373



15.6282, 15.4348, 16.9148

Rectangle

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



14.7083, 15.4348, 14.2606



13.9872, 15.4348, 15.0604



14.6324, 15.4348, 19.6373



15.3753, 15.4348, 18.6813

Sweetspot

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



14.7087, 15.4355, 14.2609



27.3222, 28.7316, 29.6906



14.0534, 13.7146, 15.3072



6.2920, 6.6159, 6.7816



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.



14.7087, 15.4355, 14.2609



25.3175, 26.5362, 23.4300



15.0167, 16.4083, 14.4325



3.5465, 3.7256, 3.6055



10.3837, 9.2998, 1.2478



50.8894, 44.6539, 5.9369

Inverse Universe

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



13.3443, 14.0270, 17.9238



22.3742, 23.4981, 31.3318



13.0590, 13.1465, 17.7689



3.3060, 3.4773, 4.2512



4.2370, 3.0643, 18.0898



20.3564, 13.7646, 89.8631

Previews

White Background



This preview shows how the XYZ color 14.7083, 15.4348, 14.2606 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 14.7083, 15.4348, 14.2606 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

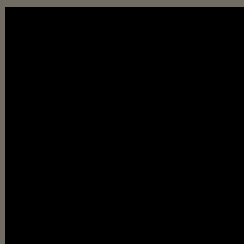
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

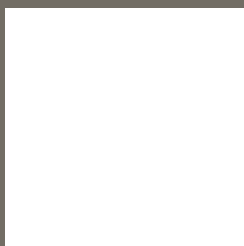
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 14.7083, 15.4348, 14.2606

Background



This preview shows how black text looks on a background with the XYZ color 14.7083, 15.4348, 14.2606.



This preview shows how white text looks on a background with the XYZ color 14.7083, 15.4348,

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

14.7083, 15.4348, 14.2606

Protanopia

14.7083, 15.4348, 14.2606

Deuteranopia

15.6714, 15.4586, 14.4698



Tritanopia

15.5547, 15.4662, 18.3851

Trichromacy



Original Color

14.7083, 15.4348, 14.2606

Protanomaly

14.7083, 15.4348, 14.2606

Deuteranomaly

15.3524, 15.4480, 14.4845

Tritanomaly

15.2473, 15.4958, 16.9392

Monochromacy



Original Color

14.7083, 15.4348, 14.2606

Achromatopsia

14.5356, 15.2926, 16.6537

Achromatomaly

14.6257, 15.3574, 15.8291

CSS Examples

Text

The CSS property to change the color of the text to XYZ 14.7083, 15.4348, 14.2606 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, 109, 100)` looks like.

```
.text, #text, p{  
    color:rgb(114, 109, 100)  
}
```

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, 109, 100) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(114, 109, 100) }
```

Border

The CSS property to change the border of an element to XYZ 14.7083, 15.4348, 14.2606 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, 109, 100) }
```


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

```
.border{ border-color:rgb(114, 109, 100) }
```

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

Here you see how a box with a 4 pixel rgb(114, 109, 100) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(114, 109, 100); -webkit-box-  
shadow:4px 4px 4px 4px rgb(114, 109, 100);  
box-shadow:4px 4px 4px 4px rgb(114, 109,  
100) }
```

Background

The CSS property to change the background color of an element to XYZ 14.7083, 15.4348, 14.2606 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(114, 109, 100) }
```

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

```
.background{ background-color: rgb(114,  
109, 100) }
```

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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