

Converting Colors

XYZ(14.6441, 15.2681, 15.0073)

Have a look what the booklet for
XYZ(14.6441, 15.2681, 15.0073)
contains.

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Color

**XYZ(14.6208, 15.2151,
14.9982)**

Conversions

Conversions Part 1

Format	Color
Hex	716C67
RGB	113, 108, 103
RGB Percent	44%, 42%, 40%
CMY	0.5569, 0.5765, 0.5961
CMYK	0.00, 0.04, 0.09, 0.56
HSL	30°, 5%, 42%
HSV	30°, 9%, 44%
XYZ	14.6208, 15.2151, 14.9982
YIQ	108.9250, 4.5850, -0.4950

Conversions

Conversions Part 2

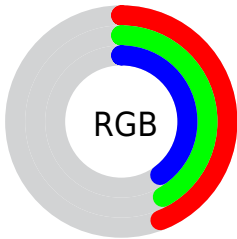
Format	Color
RYB	113, 113, 103
Decimal	7433319
CIELab	45.93, 0.98, 3.48
CIELCh	46, 3.616, 74.333
Yxy	15.2151, 0.3261, 0.3394
Android (android.graphics.Color)	4285623399 (0xFF716C67)
YUV	108.9250, -2.9210, 3.5738
Hunter-Lab	39.0065, -1.3544, 4.5073

Details

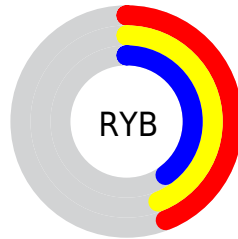
The XYZ color **14.6208, 15.2151, 14.9982** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **13.9367, 14.8007, 17.7452**, and the grayscale version is **14.5220, 15.2783, 16.6381**.

A 20% lighter version of the original color is **33.7479, 35.1287, 35.5737**, and **4.5625, 4.7468, 4.4171** is the 20% darker color. If you saturate the color by 10%, you get **13.5152, 13.8509, 12.0180**, and if you desaturate by 10%, it is **15.8425, 16.6885, 18.3958**.

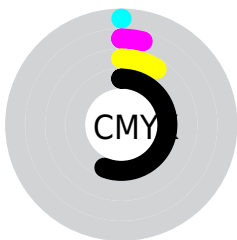
Distribution



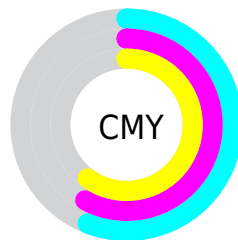
- Red (44%)
- Green (42%)
- Blue (40%)



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



- Cyan (0%)
- Magenta (4%)
- Yellow (9%)
- Black (56%)



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

Brightness & Saturation Gradients

These gradients show how the XYZ color 14.6208, 15.2151, 14.9982 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 14.6208, 15.2151, 14.9982 by changing the saturation by 10% instead.

■ 14.6208, 15.2151,
14.9982

■ 14.6208, 15.2151,
14.9982

214.4936,
224.6645, 234.9957

■ 8.6383, 8.9705,
8.6715

■ 33.7637, 35.2301,
35.5923

■ 4.5612, 4.7219,
4.4337

■ 47.6548, 49.7693,
50.6968

■ 2.0243, 2.0851,
1.8661

■ 64.9128, 67.8421,
69.5642

■ 0.6475, 0.6562,
0.4711

■ 85.9030, 89.8329,
92.6133

■ 0.0000, 0.0000,
0.0000

110.9909,
116.1262, 120.2624

140.5417,

147.1063, 152.9302

174.9208,
183.1576, 191.0351

■ 14.6208, 15.2151,
14.9982

■ 14.6208, 15.2151,
14.9982

■ 13.5152, 13.8509,
12.0180

■ 15.8425, 16.6885,
18.3958

■ 12.5207, 12.5913,
9.4377

■ 17.1827, 18.2716,
22.2251

■ 11.6336, 11.4341,
7.2405

■ 18.6452, 19.9676,
26.5012

■ 10.8498, 10.3763,
5.4074

■ 20.2332, 21.7789,
31.2379

■ 10.1646, 9.4149,
3.9183

■ 21.9499, 23.7078,
36.4486

■ 9.5731, 8.5464,
2.7508

■ 23.7984, 25.7565,
42.1460

■ 9.0696, 7.7675,
1.8800

■ 25.7815, 27.9271,
48.3426

■ 8.6478, 7.0740,
1.2770

■ 27.9021, 30.2218,
55.0500

■ 8.2890, 6.4570,
0.8468

■ 30.1629, 32.6427,
62.2798

Harmonies

Analogous

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



14.8860, 15.2151, 15.4180



14.6208, 15.2151, 14.9982



14.3165, 15.2151, 14.9887

Triad

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



14.6208, 15.2151, 14.9982



13.8995, 15.2151, 16.9869



14.8761, 15.2151, 17.8001

Complementary

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



14.6208, 15.2151, 14.9982



13.9367, 14.8007, 17.7452

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.



14.6075, 15.2151, 18.2516



14.6208, 15.2151, 14.9982



14.0451, 15.2151, 17.7710

Square

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



14.6208, 15.2151, 14.9982



13.9029, 15.2151, 16.1162



14.3034, 15.2151, 18.2408



15.0348, 15.2151, 17.0254

Rectangle

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



14.6208, 15.2151, 14.9982



14.1325, 15.2151, 15.2152



14.3034, 15.2151, 18.2408



14.7955, 15.2151, 17.9959

Sweetspot

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



14.6212, 15.2158, 14.9985



27.4177, 28.7438, 30.2739



14.3673, 14.2942, 16.1894



6.3052, 6.6046, 6.9024



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.



14.6212, 15.2158, 14.9985



25.6786, 26.6311, 25.4845



15.1636, 16.3004, 15.1793



3.5095, 3.6515, 3.5932



9.3382, 7.2088, 0.8993



45.6547, 34.1846, 4.1920

Inverse Universe

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



13.9367, 14.8007, 17.7452



24.1389, 25.6975, 31.6634



13.4246, 13.7766, 17.5746



3.3425, 3.5502, 4.2633



4.9917, 4.5737, 18.3413



24.0032, 21.0583, 91.0787

Previews

White Background



This preview shows how the XYZ color 14.6208, 15.2151, 14.9982 looks on a white background.

Color Contrast Check

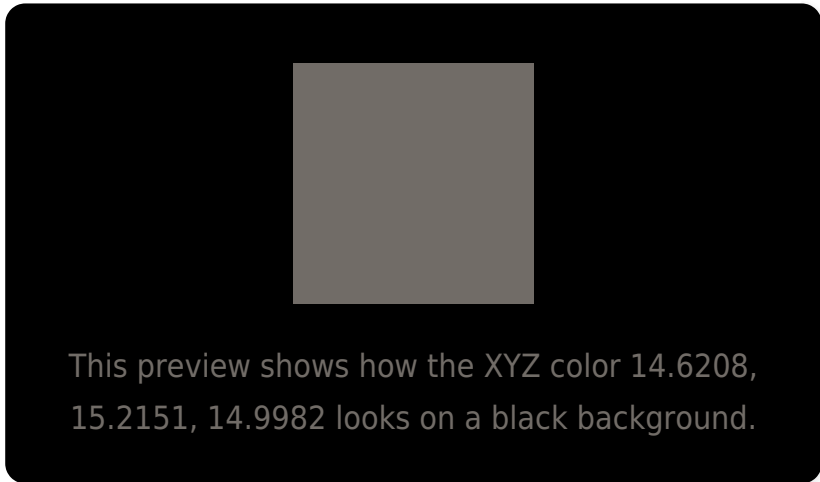
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

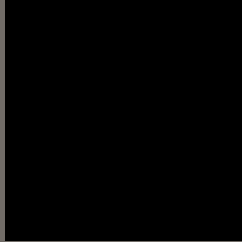
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 14.6208, 15.2151, 14.9982

Background



This preview shows how black text looks on a background with the XYZ color 14.6208, 15.2151, 14.9982.



This preview shows how white text looks on a background with the XYZ color 14.6208, 15.2151,

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

14.6208, 15.2151, 14.9982

Protanopia

14.4928, 15.1491, 14.9922

Deuteranopia

15.4354, 15.1676, 15.2108



Tritanopia

15.3188, 15.1907, 18.3444

Trichromacy



Original Color

14.6208, 15.2151, 14.9982

Protanomaly

14.4928, 15.1491, 14.9922

Deuteranomaly

15.1239, 15.1591, 15.2256

Tritanomaly

15.0664, 15.2405, 17.1866

Monochromacy



Original Color

14.6208, 15.2151, 14.9982

Achromatopsia

14.5356, 15.2926, 16.6537

Achromatomaly

14.5529, 15.3138, 16.0988

CSS Examples

Text

The CSS property to change the color of the text to XYZ 14.6208, 15.2151, 14.9982 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, 108, 103)` looks like.

```
.text, #text, p{  
    color:rgb(113, 108, 103)  
}
```

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, 108, 103) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(113, 108, 103) }
```

Border

The CSS property to change the border of an element to XYZ 14.6208, 15.2151, 14.9982 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, 108, 103) }
```


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

```
.border{ border-color:rgb(113, 108, 103) }
```

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

Here you see how a box with a 4 pixel `rgb(113, 108, 103)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(113, 108, 103); -webkit-box-  
shadow:4px 4px 4px 4px rgb(113, 108, 103);  
box-shadow:4px 4px 4px 4px rgb(113, 108,  
103) }
```

Background

The CSS property to change the background color of an element to XYZ 14.6208, 15.2151, 14.9982 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(113, 108, 103) }
```

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

```
.background{ background-color: rgb(113,  
108, 103) }
```

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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