

Converting Colors

XYZ(13.9954, 14.2549, 13.8938)

Have a look what the booklet for
XYZ(13.9954, 14.2549, 13.8938)
contains.

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Color

**XYZ(14.0125, 14.3122,
13.8284)**

Conversions

Conversions Part 1

Format	Color
Hex	716863
RGB	113, 104, 99
RGB Percent	44%, 41%, 39%
CMY	0.5569, 0.5921, 0.6118
CMYK	0.00, 0.08, 0.12, 0.56
HSL	21°, 7%, 42%
HSV	21°, 12%, 44%
XYZ	14.0125, 14.3122, 13.8284
YIQ	106.1210, 6.9690, 0.3530

Conversions

Conversions Part 2

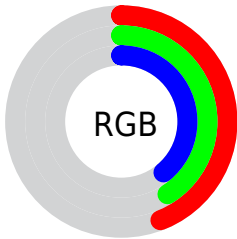
Format	Color
R_{YB}	113, 107, 99
Decimal	7432291
CIE _{Lab}	44.68, 2.60, 4.09
CIE _{LCh}	45, 4.840, 57.559
Yxy	14.3122, 0.3324, 0.3395
Android (android.graphics.Color)	4285622371 (0xFF716863)
YUV	106.1210, -3.5107, 6.0329
Hunter-Lab	37.8315, -0.0900, 4.8100

Details

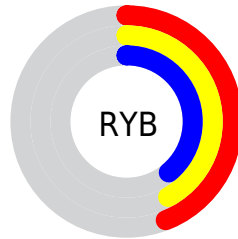
The XYZ color **14.0125, 14.3122, 13.8284** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **13.4887, 14.5698, 17.7242**, and the grayscale version is **13.7411, 14.4567, 15.7433**.

A 20% lighter version of the original color is **32.7434, 33.6440, 33.6223**, and **4.2857, 4.3071, 3.9736** is the 20% darker color. If you saturate the color by 10%, you get **12.8099, 12.7119, 10.9462**, and if you desaturate by 10%, it is **15.3545, 16.0700, 17.1305**.

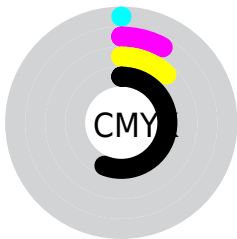
Distribution



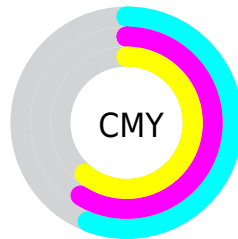
- Red (44%)
- Green (41%)
- Blue (39%)



- Red (44%)
- Yellow (42%)
- Blue (39%)



- Cyan (0%)
- Magenta (8%)
- Yellow (12%)
- Black (56%)



- Cyan (56%)
- Magenta (59%)
- Yellow (61%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 14.0125, 14.3122, 13.8284 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 14.0125, 14.3122, 13.8284 by changing the saturation by 10% instead.

■ 14.0125, 14.3122,
13.8284

■ 14.0125, 14.3122,
13.8284

210.8176,
219.1645, 227.5519

■ 8.2111, 8.3381,
7.8640

■ 32.6973, 33.6420,
33.4970

■ 4.2833, 4.3121,
3.9215

■ 46.3114, 47.7664,
48.0382

■ 1.8636, 1.8496,
1.5824

■ 63.2605, 65.3765,
66.2756

■ 0.5556, 0.5178,
0.2782

■ 83.9099, 86.8566,
88.6275

■ 0.0000, 0.0000,
0.0000

108.6249,
112.5910, 115.5125

137.7710,

142.9642, 147.3493

171.7134,
178.3606, 184.5562

■ 14.0125, 14.3122,
13.8284

■ 14.0125, 14.3122,
13.8284

■ 12.8099, 12.7119,
10.9462

■ 15.3545, 16.0700,
17.1305

■ 11.7409, 11.2627,
8.4659

■ 16.8391, 17.9876,
20.8674

■ 10.8007, 9.9607,
6.3697

■ 18.4710, 20.0697,
25.0548

■ 9.9842, 8.8010,
4.6381

■ 20.2543, 22.3201,
29.7069

■ 9.2855, 7.7784,
3.2497

■ 22.1930, 24.7427,
34.8376

■ 8.6984, 6.8874,
2.1812

■ 24.2906, 27.3411,
40.4600

■ 8.2161, 6.1222,
1.4059

■ 26.5510, 30.1189,
46.5869

■ 7.8304, 5.4760,
0.8912

■ 28.9776, 33.0794,
53.2305

■ 7.5816, 5.0537,
0.5759

■ 31.5737, 36.2260,
60.4025

Harmonies

Analogous

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



14.2839, 14.3122, 14.6040



14.0125, 14.3122, 13.8284



13.6355, 14.3122, 13.5208

Triad

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



14.0125, 14.3122, 13.8284



12.8626, 14.3122, 15.4916



13.9558, 14.3122, 17.5809

Complementary

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



14.0125, 14.3122, 13.8284



13.4887, 14.5698, 17.7242

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.



13.5712, 14.3122, 17.8461



14.0125, 14.3122, 13.8284



12.9447, 14.3122, 16.6059

Square

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



14.0125, 14.3122, 13.8284



12.9758, 14.3122, 14.4518



13.2022, 14.3122, 17.4813



14.2507, 14.3122, 16.7729

Rectangle

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



14.0125, 14.3122, 13.8284



13.3767, 14.3122, 13.6109



13.2022, 14.3122, 17.4813



13.8325, 14.3122, 17.7381

Sweetspot

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



14.0129, 14.3128, 13.8287



27.0640, 28.2152, 29.6045



13.9842, 13.5194, 16.0879



6.2236, 6.4790, 6.7588



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.



14.0129, 14.3128, 13.8287



24.4178, 24.7369, 23.1301



14.7359, 15.7588, 14.0697



3.4730, 3.5785, 3.5810



8.5824, 5.6972, 0.6473



42.0022, 26.8796, 2.9745

Inverse Universe

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



13.4887, 14.5698, 17.7242



23.2738, 25.2973, 31.6317



12.7898, 13.1719, 17.4912



3.3796, 3.6244, 4.2757



6.0369, 6.6640, 18.6897



29.2359, 31.5236, 92.8229

Previews

White Background



This preview shows how the XYZ color 14.0125, 14.3122, 13.8284 looks on a white background.

Color Contrast Check

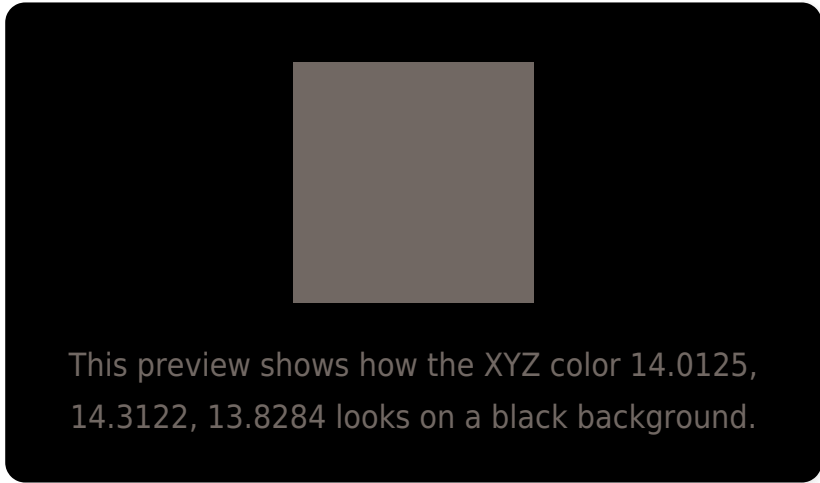
Large Text (above 18pt) WCAG AA ✓ Pass

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

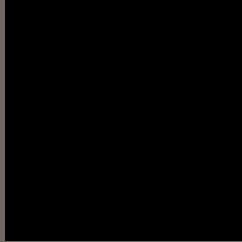
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 14.0125, 14.3122, 13.8284

Background



This preview shows how black text looks on a background with the XYZ color 14.0125, 14.3122, 13.8284.

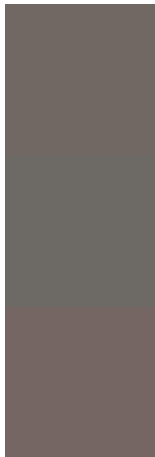


This preview shows how white text looks on a background with the XYZ color 14.0125, 14.3122,

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

14.0125, 14.3122, 13.8284

Protanopia

13.6585, 14.2745, 14.0920

Deuteranopia

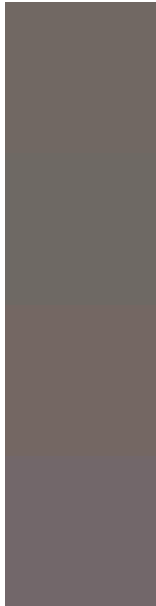
14.4747, 14.2551, 13.7930



Tritanopia

14.6361, 14.2734, 16.7355

Trichromacy



Original Color

14.0125, 14.3122, 13.8284

Protanomaly

13.7822, 14.3382, 14.0977

Deuteranomaly

14.3048, 14.3144, 13.8134

Tritanomaly

14.3912, 14.3185, 15.6409

Monochromacy



Original Color

14.0125, 14.3122, 13.8284

Achromatopsia

13.6994, 14.4128, 15.6956

Achromatomaly

13.8064, 14.3336, 14.8710

CSS Examples

Text

The CSS property to change the color of the text to XYZ 14.0125, 14.3122, 13.8284 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, 104, 99)` looks like.

```
.text, #text, p{  
    color:rgb(113, 104, 99)  
}
```

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, 104, 99) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(113, 104, 99) }
```

Border

The CSS property to change the border of an element to XYZ 14.0125, 14.3122, 13.8284 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, 104, 99) }
```


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

```
.border{ border-color:rgb(113, 104, 99) }
```

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

Here you see how a box with a 4 pixel `rgb(113, 104, 99)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(113, 104, 99); -webkit-box-  
shadow:4px 4px 4px 4px rgb(113, 104, 99);  
box-shadow:4px 4px 4px 4px rgb(113, 104,  
99) }
```

Background

The CSS property to change the background color of an element to XYZ 14.0125, 14.3122, 13.8284 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(113, 104, 99) }
```

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

```
.background{ background-color: rgb(113,  
104, 99) }
```

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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