

Converting Colors

XYZ(14.3670, 14.1546, 15.8361)

Have a look what the booklet for
XYZ(14.3670, 14.1546, 15.8361)
contains.

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Color

**XYZ(14.3446, 14.1417,
15.8835)**

Conversions

Conversions Part 1

Format	Color
Hex	72666B
RGB	114, 102, 107
RGB Percent	45%, 40%, 42%
CMY	0.5529, 0.6000, 0.5804
CMYK	0.00, 0.11, 0.06, 0.55
HSL	335°, 6%, 42%
HSV	335°, 11%, 45%
XYZ	14.3446, 14.1417, 15.8835
YIQ	106.1580, 5.5470, 4.0990

Conversions

Conversions Part 2

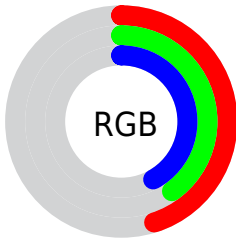
Format	Color
R_{YB}	114, 102, 107
Decimal	7497323
CIE Lab	44.44, 5.71, -1.08
CIE LCh	44, 5.812, 349.250
Yxy	14.1417, 0.3233, 0.3187
Android (android.graphics.Color)	4285687403 (0xFF72666B)
YUV	106.1580, 0.4151, 6.8774
Hunter-Lab	37.6055, 2.2793, 1.2814

Details

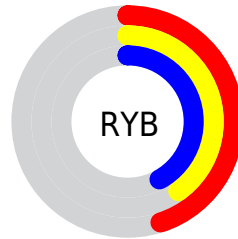
The XYZ color **14.3446, 14.1417, 15.8835** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **14.2576, 15.9638, 16.7986**, and the grayscale version is **13.7411, 14.4567, 15.7433**.

A 20% lighter version of the original color is **33.2887, 33.3581, 37.0320**, and **4.4286, 4.2169, 4.8555** is the 20% darker color. If you saturate the color by 10%, you get **12.9639, 11.9188, 13.7628**, and if you desaturate by 10%, it is **15.9071, 16.6848, 18.1980**.

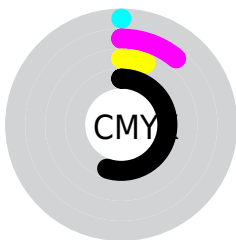
Distribution



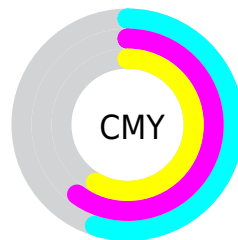
- Red (45%)
- Green (40%)
- Blue (42%)



- Red (45%)
- Yellow (40%)
- Blue (42%)



- Cyan (0%)
- Magenta (11%)
- Yellow (6%)
- Black (55%)



- Cyan (55%)
- Magenta (60%)
- Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 14.3446, 14.1417, 15.8835 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 14.3446, 14.1417, 15.8835 by changing the saturation by 10% instead.

■ 14.3446, 14.1417,
15.8835

■ 14.3446, 14.1417,
15.8835

212.8322,
218.1106, 240.4755

■ 8.4440, 8.2193,
9.2883

■ 33.2804, 33.3402,
37.1598

■ 4.4345, 4.2356,
4.8303

■ 47.0464, 47.3852,
52.6780

■ 1.9508, 1.8062,
2.0911

■ 64.1648, 64.9064,
72.0076

■ 0.6061, 0.4910,
0.6104

■ 85.0012, 86.2883,
95.5671

■ 0.0000, 0.0000,
0.0000

109.9207,
111.9152, 123.7751

139.2888,

142.1717, 157.0502

173.4708,
177.4420, 195.8108

■ 14.3446, 14.1417,
15.8835

■ 14.3446, 14.1417,
15.8835

■ 12.9639, 11.9188,
13.7628

■ 15.9071, 16.6848,
18.1980

■ 11.7570, 10.0015,
11.8297

■ 17.6567, 19.5583,
20.7103

■ 10.7169, 8.3768,
10.0791

■ 19.6000, 22.7741,
23.4257

■ 9.8359, 7.0301,
8.5050

■ 21.7428, 26.3432,
26.3488

■ 9.1054, 5.9454,
7.1014

■ 24.0907, 30.2758,
29.4841

8.5161, 5.1053,
5.8616

26.6490, 34.5819,
32.8360

8.0576, 4.4900,
4.7786

29.4231, 39.2711,
36.4086

7.7179, 4.0767,
3.8446

32.4178, 44.3526,
40.2060

7.4625, 3.7866,
3.0790

35.6381, 49.8353,
44.2324

Harmonies

Analogous

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



14.1344, 14.1417, 17.1417



14.3446, 14.1417, 15.8835



14.3086, 14.1417, 14.5640

Triad

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



14.3446, 14.1417, 15.8835



13.1468, 14.1417, 13.0914



12.8625, 14.1417, 17.4333

Complementary

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



14.3446, 14.1417, 15.8835



14.2576, 15.9638, 16.7986

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.



12.6097, 14.1417, 16.2630



14.3446, 14.1417, 15.8835



12.7712, 14.1417, 13.7766

Square

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



14.3446, 14.1417, 15.8835



13.6098, 14.1417, 13.0029



12.5767, 14.1417, 14.9223



13.2742, 14.1417, 18.0703

Rectangle

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



14.3446, 14.1417, 15.8835



14.1500, 14.1417, 13.8246



12.5767, 14.1417, 14.9223



12.7566, 14.1417, 17.0862

Sweetspot

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



14.3450, 14.1423, 15.8838



27.2217, 28.1248, 30.9080



14.0958, 13.9696, 17.8731



6.2500, 6.4301, 7.0810



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.



14.3450, 14.1423, 15.8838



24.4945, 23.6981, 26.8309



14.1884, 14.2378, 14.5715



3.4368, 3.4224, 3.8268



8.2991, 4.2120, 3.3849



40.9315, 20.8179, 14.7034

Inverse Universe

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



14.3450, 14.1423, 15.8838



24.4945, 23.6981, 26.8309



14.4223, 15.8502, 18.2189



3.4368, 3.4224, 3.8268



8.2991, 4.2120, 3.3849



40.9315, 20.8179, 14.7034

Previews

White Background



This preview shows how the XYZ color 14.3446, 14.1417, 15.8835 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 14.3446, 14.1417, 15.8835 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 14.3446, 14.1417, 15.8835

Background



This preview shows how black text looks on a background with the XYZ color 14.3446, 14.1417, 15.8835.



This preview shows how white text looks on a background with the XYZ color 14.3446, 14.1417,

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

14.3446, 14.1417, 15.8835

Protanopia

13.7022, 14.2500, 16.2157

Deuteranopia

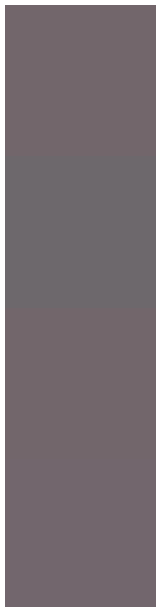
14.3446, 14.1417, 15.8835



Tritanopia

14.5053, 14.2059, 16.7294

Trichromacy



Original Color

14.3446, 14.1417, 15.8835

Protanomaly

13.9638, 14.2345, 16.1989

Deuteranomaly

14.3446, 14.1417, 15.8835

Tritanomaly

14.4511, 14.1843, 16.4442

Monochromacy



Original Color

14.3446, 14.1417, 15.8835

Achromatopsia

13.6994, 14.4128, 15.6956

Achromatomaly

13.9598, 14.3950, 15.6784

CSS Examples

Text

The CSS property to change the color of the text to XYZ 14.3446, 14.1417, 15.8835 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, 102, 107)` looks like.

```
.text, #text, p{  
    color:rgb(114, 102, 107)  
}
```

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, 102, 107) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(114, 102, 107) }
```

Border

The CSS property to change the border of an element to XYZ 14.3446, 14.1417, 15.8835 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, 102, 107) }
```


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

```
.border{ border-color:rgb(114, 102, 107) }
```

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

Here you see how a box with a 4 pixel `rgb(114, 102, 107)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(114, 102, 107); -webkit-box-  
shadow:4px 4px 4px 4px rgb(114, 102, 107);  
box-shadow:4px 4px 4px 4px rgb(114, 102,  
107) }
```

Background

The CSS property to change the background color of an element to XYZ 14.3446, 14.1417, 15.8835 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(114, 102, 107) }
```

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

```
.background{ background-color: rgb(114,  
102, 107) }
```

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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