

Converting Colors

XYZ(14.4038, 16.5000, 17.0439)

Have a look what the booklet for
XYZ(14.4038, 16.5000, 17.0439)
contains.

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Color

**XYZ(14.4313, 16.5577,
17.1872)**

Conversions

Conversions Part 1

Format	Color
Hex	64756E
RGB	100, 117, 110
RGB Percent	39%, 46%, 43%
CMY	0.6078, 0.5412, 0.5686
CMYK	0.15, 0.00, 0.06, 0.54
HSL	155°, 8%, 43%
HSV	155°, 15%, 46%
XYZ	14.4313, 16.5577, 17.1872
YIQ	111.1190, -7.8850, -5.7810

Conversions

Conversions Part 2

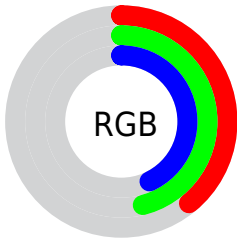
Format	Color
R_{YB}	100, 111, 117
Decimal	6583662
CIE Lab	47.70, -7.82, 1.74
CIE LCh	48, 8.007, 167.482
Yxy	16.5577, 0.2996, 0.3437
Android (android.graphics.Color)	4284773742 (0xFF64756E)
YUV	111.1190, -0.5517, -9.7514
Hunter-Lab	40.6912, -7.9037, 3.4408

Details

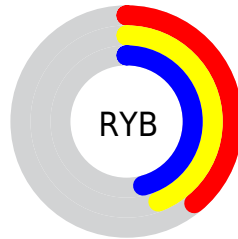
The XYZ color **14.4313, 16.5577, 17.1872** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **14.5477, 13.9582, 15.8381**, and the grayscale version is **15.1475, 15.9364, 17.3547**.

A 20% lighter version of the original color is **33.4721, 37.5639, 39.6688**, and **4.4935, 5.3720, 5.5027** is the 20% darker color. If you saturate the color by 10%, you get **12.9738, 15.8363, 15.7867**, and if you desaturate by 10%, it is **16.0899, 17.3820, 18.6723**.

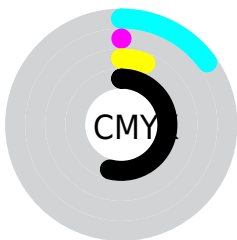
Distribution



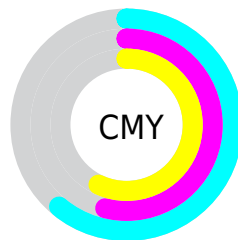
- Red (39%)
- Green (46%)
- Blue (43%)



- Red (39%)
- Yellow (44%)
- Blue (46%)



- Cyan (15%)
- Magenta (0%)
- Yellow (6%)
- Black (54%)



- Cyan (61%)
- Magenta (54%)
- Yellow (57%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 14.4313, 16.5577, 17.1872 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 14.4313, 16.5577, 17.1872 by changing the saturation by 10% instead.

■ 14.4313, 16.5577,
17.1872

■ 14.4313, 16.5577,
17.1872

213.3550,
232.6105, 248.3292

■ 8.5050, 9.9196,
10.2047

■ 33.4323, 37.5637,
39.4424

■ 4.4742, 5.3457,
5.4275

■ 47.2376, 52.7005,
55.5522

■ 1.9738, 2.4515,
2.4371

■ 64.4000, 71.4390,
75.5415

■ 0.6192, 0.8522,
0.8066

■ 85.2848, 94.1635,
99.8288

■ 0.0000, 0.0000,
0.0000

110.2573,
121.2585, 128.8327

139.6830,

153.1084, 162.9717

173.9271,
190.0976, 202.6644

■ 14.4313, 16.5577,
17.1872

■ 14.4313, 16.5577,
17.1872

■ 12.9738, 15.8363,
15.7867

■ 16.0899, 17.3820,
18.6723

■ 11.7079, 15.2116,
14.4682

■ 17.9558, 18.3111,
20.2423

■ 10.6254, 14.6798,
13.2304

■ 20.0367, 19.3494,
21.8992

■ 9.7169, 14.2361,
12.0716

■ 22.3395, 20.5003,
23.6443

■ 8.9721, 13.8754,
10.9901

■ 24.8708, 21.7672,
25.4791

■ 8.3798, 13.5916,
9.9841

■ 27.6368, 23.1534,
27.4048

■ 7.9269, 13.3783,
9.0516

■ 30.6435, 24.6618,
29.4228

■ 7.5936, 13.2253,
8.1902

■ 33.8969, 26.2956,
31.5343

■ 7.4301, 13.1506,
7.7473

■ 37.4024, 28.0576,
33.7407

Harmonies

Analogous

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



14.7444, 16.5577, 15.4926



14.4313, 16.5577, 17.1872



14.4604, 16.5577, 19.2393

Triad

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



14.4313, 16.5577, 17.1872



16.1549, 16.5577, 22.0575



16.6866, 16.5577, 15.2754

Complementary

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



14.4313, 16.5577, 17.1872



14.5477, 13.9582, 15.8381

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.



17.0878, 16.5577, 16.8697



14.4313, 16.5577, 17.1872



16.7745, 16.5577, 20.8271

Square

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



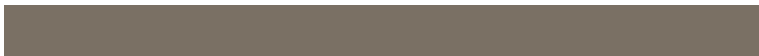
14.4313, 16.5577, 17.1872



15.4410, 16.5577, 22.1587



17.1204, 16.5577, 18.8969



16.0379, 16.5577, 14.4463

Rectangle

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



14.4313, 16.5577, 17.1872



14.6700, 16.5577, 20.5362



17.1204, 16.5577, 18.8969



16.8557, 16.5577, 15.7338

Sweetspot

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



14.4318, 16.5584, 17.1876



28.9461, 31.1919, 33.5521



14.7355, 16.7744, 14.5180



6.6095, 7.1488, 7.6746



57.3938, 60.3827, 65.7568



6.9614, 7.3239, 7.9757

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



14.4318, 16.5584, 17.1876



25.0463, 29.2554, 30.0316



14.6644, 16.3893, 19.2210



3.7225, 4.1310, 4.3727



8.1782, 14.4853, 8.4945



39.4198, 70.4152, 39.1111

Inverse Universe

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



14.5477, 13.9582, 15.8381



25.2908, 23.7748, 27.1877



14.3311, 14.0909, 14.0213



3.7407, 3.7236, 4.1612



8.6674, 4.4007, 3.4565



41.8325, 21.2831, 14.7130

Previews

White Background



This preview shows how the XYZ color 14.4313, 16.5577, 17.1872 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 14.4313, 16.5577, 17.1872 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

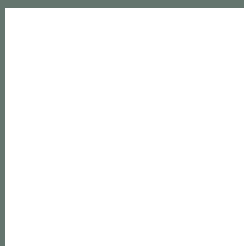
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 14.4313, 16.5577, 17.1872

Background



This preview shows how black text looks on a background with the XYZ color 14.4313, 16.5577, 17.1872.

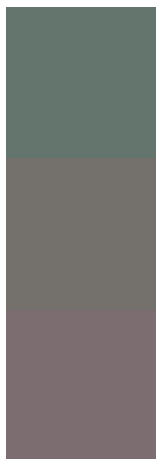


This preview shows how white text looks on a background with the XYZ color 14.4313, 16.5577,

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

14.4313, 16.5577, 17.1872

Protanopia

15.6505, 16.3629, 16.2434

Deuteranopia

16.7054, 16.3922, 17.6128



Tritanopia

15.2483, 16.5415, 21.4579

Trichromacy



Original Color

14.4313, 16.5577, 17.1872

Protanomaly

15.1545, 16.4323, 16.5604

Deuteranomaly

15.7336, 16.3809, 17.3715

Tritanomaly

14.9420, 16.5894, 19.8673

Monochromacy



Original Color

14.4313, 16.5577, 17.1872

Achromatopsia

15.1092, 15.8961, 17.3108

Achromatomaly

14.8378, 16.0838, 17.3614

CSS Examples

Text

The CSS property to change the color of the text to XYZ 14.4313, 16.5577, 17.1872 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(100, 117, 110)` looks like.

```
.text, #text, p{  
    color:rgb(100, 117, 110)  
}
```

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(100, 117, 110) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(100, 117, 110) }
```

Border

The CSS property to change the border of an element to XYZ 14.4313, 16.5577, 17.1872 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(100, 117, 110) }
```


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

```
.border{ border-color:rgb(100, 117, 110) }
```

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

Here you see how a box with a 4 pixel `rgb(100, 117, 110)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(100, 117, 110); -webkit-box-  
shadow:4px 4px 4px 4px rgb(100, 117, 110);  
box-shadow:4px 4px 4px 4px rgb(100, 117,  
110) }
```

Background

The CSS property to change the background color of an element to XYZ 14.4313, 16.5577, 17.1872 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(100, 117, 110) }
```

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

```
.background{ background-color: rgb(100,  
117, 110) }
```

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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