

Converting Colors

XYZ(13.4927, 14.9675, 17.6256)

Have a look what the booklet for
XYZ(13.4927, 14.9675, 17.6256)
contains.

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Color

**XYZ(13.4303, 14.8631,
17.4902)**

Conversions

Conversions Part 1

Format	Color
Hex	616E70
RGB	97, 110, 112
RGB Percent	38%, 43%, 44%
CMY	0.6196, 0.5686, 0.5608
CMYK	0.13, 0.02, 0.00, 0.56
HSL	188°, 7%, 41%
HSV	188°, 13%, 44%
XYZ	13.4303, 14.8631, 17.4902
YIQ	106.3410, -8.3900, -2.1340

Conversions

Conversions Part 2

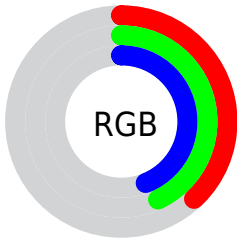
Format	Color
R_{YB}	97, 104, 112
Decimal	6385264
CIE _{Lab}	45.45, -4.43, -2.78
CIE _{LCh}	45, 5.227, 212.109
Yxy	14.8631, 0.2933, 0.3246
Android (android.graphics.Color)	4284575344 (0xFF616E70)
YUV	106.3410, 2.7899, -8.1921
Hunter-Lab	38.5527, -5.2846, 0.0888

Details

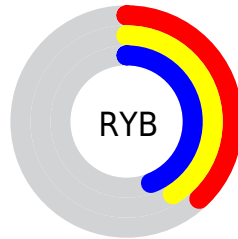
The XYZ color **13.4303, 14.8631, 17.4902** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **13.3016, 13.2313, 13.1623**, and the grayscale version is **13.7877, 14.5058, 15.7968**.

A 20% lighter version of the original color is **31.8339, 34.8169, 40.1645**, and **3.9634, 4.4935, 5.5089** is the 20% darker color. If you saturate the color by 10%, you get **12.1607, 13.9720, 17.3854**, and if you desaturate by 10%, it is **14.8720, 15.8477, 17.6045**.

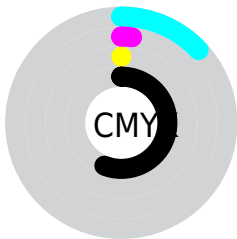
Distribution



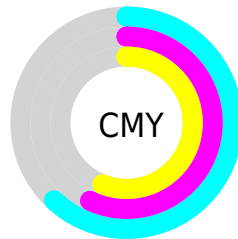
- Red (38%)
- Green (43%)
- Blue (44%)



- Red (38%)
- Yellow (41%)
- Blue (44%)



- Cyan (13%)
- Magenta (2%)
- Yellow (0%)
- Black (56%)



- Cyan (62%)
- Magenta (57%)
- Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 13.4303, 14.8631, 17.4902 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 13.4303, 14.8631, 17.4902 by changing the saturation by 10% instead.

■ 13.4303, 14.8631,
17.4902

■ 13.4303, 14.8631,
17.4902

207.2396,
222.5361, 250.1205

■ 7.8046, 8.7234,
10.4190

■ 31.6695, 34.6128,
39.9688

■ 4.0209, 4.5612,
5.5684

■ 45.0136, 48.9916,
56.2133

■ 1.7140, 1.9922,
2.5200

■ 61.6613, 66.8856,
76.3526

■ 0.4650, 0.6029,
0.8507

■ 81.9778, 88.6790,
100.8053

■ 0.0000, 0.0000,
0.0000

106.3285,
114.7564, 129.9899

135.0788,

145.5021, 164.3249

168.5941,
181.3006, 204.2290

■ 13.4303, 14.8631,
17.4902

■ 13.4303, 14.8631,
17.4902

■ 12.1607, 13.9720,
17.3854

■ 14.8720, 15.8477,
17.6045

■ 11.0548, 13.1690,
17.2886

■ 16.4912, 16.9275,
17.7276

■ 10.1057, 12.4507,
17.2000

■ 18.2945, 18.1062,
17.8600

■ 9.3050, 11.8129,
17.1191

■ 20.2879, 19.3870,
18.0022

■ 8.6441, 11.2511,
17.0455

■ 22.4770, 20.7728,
18.1543

8.1129, 10.7602,
16.9787

24.8674, 22.2665,
18.3166

7.7005, 10.3343,
16.9183

27.4643, 23.8708,
18.4894

7.3913, 9.9656,
16.8634

30.2727, 25.5883,
18.6729

7.2069, 9.7343,
16.8285

33.2974, 27.4214,
18.8673

Harmonies

Analogous

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



13.3075, 14.8631, 16.2717



13.4303, 14.8631, 17.4902



13.7393, 14.8631, 18.3940

Triad

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



13.4303, 14.8631, 17.4902



14.8791, 14.8631, 17.3299



14.0962, 14.8631, 13.9059

Complementary

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



13.4303, 14.8631, 17.4902



13.3016, 13.2313, 13.1623

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.



14.5218, 14.8631, 14.1574



13.4303, 14.8631, 17.4902



14.9793, 14.8631, 16.0954

Square

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



13.4303, 14.8631, 17.4902



14.5762, 14.8631, 18.2982



14.8472, 14.8631, 14.9433



13.6870, 14.8631, 14.2382

Rectangle

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



13.4303, 14.8631, 17.4902



14.0124, 14.8631, 18.6737



14.8472, 14.8631, 14.9433



14.2421, 14.8631, 13.9249

Sweetspot

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



13.4307, 14.8637, 17.4905



25.9357, 27.7117, 30.9117



12.9643, 15.0260, 13.9590



6.1911, 6.6307, 7.4233



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.



13.4307, 14.8637, 17.4905



22.8878, 25.6207, 30.6688



12.6800, 13.3623, 17.2403



3.4389, 3.7431, 4.2955



8.3198, 11.2300, 19.4507



40.9909, 55.0337, 96.7413

Inverse Universe

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



13.7716, 13.1202, 16.5592



23.6114, 21.9543, 28.6837



14.0198, 14.6677, 13.4017



3.4962, 3.4462, 4.1398



10.2178, 4.9795, 13.4888



50.6703, 24.7134, 65.9872

Previews

White Background



This preview shows how the XYZ color 13.4303, 14.8631, 17.4902 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 13.4303, 14.8631, 17.4902 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

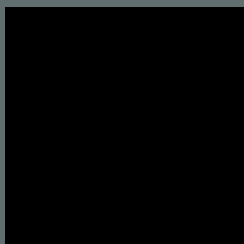
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

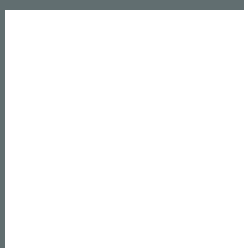
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 13.4303, 14.8631, 17.4902

Background



This preview shows how black text looks on a background with the XYZ color 13.4303, 14.8631, 17.4902.



This preview shows how white text looks on a background with the XYZ color 13.4303, 14.8631,

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

13.4303, 14.8631, 17.4902

Protanopia

14.2565, 14.8293, 16.8628

Deuteranopia

15.0012, 14.7377, 17.6768



Tritanopia

13.7757, 14.8420, 19.2783

Trichromacy



Original Color

13.4303, 14.8631, 17.4902

Protanomaly

13.9407, 14.8159, 17.1639

Deuteranomaly

14.3190, 14.6885, 17.7032

Tritanomaly

13.6580, 14.7949, 18.6588

Monochromacy



Original Color

13.4303, 14.8631, 17.4902

Achromatopsia

13.6994, 14.4128, 15.6956

Achromatomaly

13.5580, 14.4817, 16.2680

CSS Examples

Text

The CSS property to change the color of the text to XYZ 13.4303, 14.8631, 17.4902 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(97, 110, 112) looks like.

```
.text, #text, p{  
    color:rgb(97, 110, 112)  
}
```

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(97, 110, 112) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(97, 110, 112) }
```

Border

The CSS property to change the border of an element to XYZ 13.4303, 14.8631, 17.4902 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(97, 110, 112) }
```


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

```
.border{ border-color:rgb(97, 110, 112) }
```

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

Here you see how a box with a 4 pixel `rgb(97, 110, 112)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(97, 110, 112); -webkit-box-  
shadow:4px 4px 4px 4px rgb(97, 110, 112);  
box-shadow:4px 4px 4px 4px rgb(97, 110,  
112) }
```

Background

The CSS property to change the background color of an element to XYZ 13.4303, 14.8631, 17.4902 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(97, 110, 112) }
```

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

```
.background{ background-color: rgb(97, 110,  
112) }
```

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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