

Converting Colors

XYZ(14.6929, 17.7170, 14.1338)

Have a look what the booklet for
XYZ(14.6929, 17.7170, 14.1338)
contains.

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Color

**XYZ(14.6436, 17.6257,
14.1856)**

Conversions

Conversions Part 1

Format	Color
Hex	667A62
RGB	102, 122, 98
RGB Percent	40%, 48%, 38%
CMY	0.6000, 0.5216, 0.6157
CMYK	0.16, 0.00, 0.20, 0.52
HSL	110°, 11%, 43%
HSV	110°, 20%, 48%
XYZ	14.6436, 17.6257, 14.1856
YIQ	113.2840, -4.2160, -11.7040

Conversions

Conversions Part 2

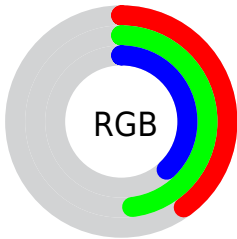
Format	Color
RYB	98, 122, 118
Decimal	6716002
CIELab	49.04, -12.30, 10.75
CIELCh	49, 16.330, 138.847
Yxy	17.6257, 0.3152, 0.3794
Android (android.graphics.Color)	4284906082 (0xFF667A62)
YUV	113.2840, -7.5350, -9.8961
Hunter-Lab	41.9830, -11.2097, 9.3546

Details

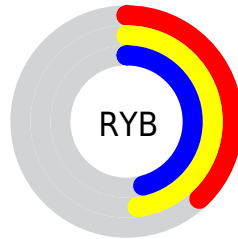
The XYZ color **14.6436, 17.6257, 14.1856** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **15.3526, 13.9926, 20.3050**, and the grayscale version is **15.8034, 16.6264, 18.1061**.

A 20% lighter version of the original color is **33.6977, 39.2143, 34.2268**, and **4.5556, 5.8163, 4.0145** is the 20% darker color. If you saturate the color by 10%, you get **13.0285, 16.8552, 11.3288**, and if you desaturate by 10%, it is **16.4888, 18.5057, 17.5123**.

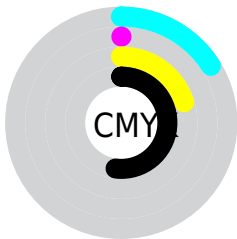
Distribution



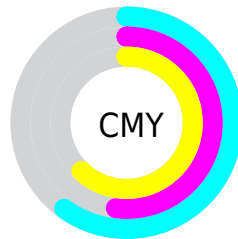
- Red (40%)
- Green (48%)
- Blue (38%)



- Red (38%)
- Yellow (48%)
- Blue (46%)



- Cyan (16%)
- Magenta (0%)
- Yellow (20%)
- Black (52%)



- Cyan (60%)
- Magenta (52%)
- Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 14.6436, 17.6257, 14.1856 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 14.6436, 17.6257, 14.1856 by changing the saturation by 10% instead.

■ 14.6436, 17.6257,
14.1856

■ 14.6436, 17.6257,
14.1856

214.6302,
238.7528, 229.8509

■ 8.6543, 10.6816,
8.1096

■ 33.8035, 39.3985,
34.1398

■ 4.5717, 5.8532,
4.0764

■ 47.7049, 54.9960,
48.8552

■ 2.0304, 2.7560,
1.6674

■ 64.9744, 74.2467,
67.2875

■ 0.6509, 1.0057,
0.3382

■ 85.9772, 97.5350,
89.8551

■ 0.0000, 0.0000,
0.0000

111.0789,
125.2454, 116.9768

140.6447,

157.7622, 149.0709

175.0400,
195.4699, 186.5561

■ 14.6436, 17.6257,
14.1856

■ 14.6436, 17.6257,
14.1856

■ 13.0285, 16.8552,
11.3288

■ 16.4888, 18.5057,
17.5123

■ 11.6331, 16.1877,
8.9196

■ 18.5713, 19.4970,
21.3276

■ 10.4482, 15.6195,
6.9358

■ 20.8997, 20.6041,
25.6505

■ 9.4633, 15.1458,
5.3526

■ 23.4816, 21.8305,
30.4986

■ 8.6673, 14.7614,
4.1427

■ 26.3245, 23.1796,
35.8888

■ 8.0475, 14.4604,
3.2754

■ 29.4354, 24.6549,
41.8371

■ 7.5899, 14.2365,
2.7152

■ 32.8211, 26.2595,
48.3589

■ 7.2642, 14.0764,
2.3456

■ 36.4882, 27.9964,
55.4690

■ 7.2551, 14.0720,
2.3338

■ 40.4431, 29.8686,
63.1817

Harmonies

Analogous

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



15.8247, 17.6257, 12.2997



14.6436, 17.6257, 14.1856



14.0414, 17.6257, 17.6148

Triad

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



14.6436, 17.6257, 14.1856



16.1927, 17.6257, 28.6489



19.6789, 17.6257, 16.6083

Complementary

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



14.6436, 17.6257, 14.1856



15.3526, 13.9926, 20.3050

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.



19.7923, 17.6257, 20.8594



14.6436, 17.6257, 14.1856



17.7163, 17.6257, 28.2703

Square

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



14.6436, 17.6257, 14.1856



14.8990, 17.6257, 26.2221



19.0552, 17.6257, 25.2548



18.7541, 17.6257, 13.5452

Rectangle

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



14.6436, 17.6257, 14.1856



14.0232, 17.6257, 20.5099



19.0552, 17.6257, 25.2548



19.8152, 17.6257, 17.9306

Sweetspot

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



14.6441, 17.6265, 14.1860



30.2515, 33.1480, 33.0762



16.7099, 17.9772, 14.1448



6.8773, 7.5604, 7.4903



59.0181, 62.0916, 67.6177



7.4413, 7.8288, 8.5256

Same Dimension

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



14.6441, 17.6265, 14.1860



24.3184, 30.3198, 22.3896



14.5986, 17.5572, 16.2556



4.0074, 4.4791, 4.2778



7.6327, 14.8120, 2.4567



35.9093, 70.3973, 11.6954

Inverse Universe

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



15.3526, 13.9926, 20.3050



25.8228, 22.5966, 35.3935



15.4317, 14.0883, 17.8263



4.0921, 4.0453, 5.0083



9.4227, 4.4303, 19.7438



44.3312, 20.8156, 94.1511

Previews

White Background



This preview shows how the XYZ color 14.6436, 17.6257, 14.1856 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 14.6436, 17.6257, 14.1856 looks on a black 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

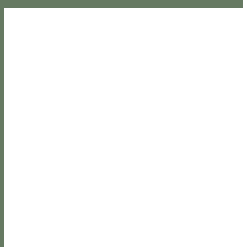
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 14.6436, 17.6257, 14.1856

Background



This preview shows how black text looks on a background with the XYZ color 14.6436, 17.6257, 14.1856.



This preview shows how white text looks on a background with the XYZ color 14.6436, 17.6257,

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

14.6436, 17.6257, 14.1856

Protanopia

16.4793, 17.5280, 13.3412

Deuteranopia

17.7673, 17.4950, 14.4970



Tritanopia

16.3726, 17.6150, 22.6158

Trichromacy



Original Color

14.6436, 17.6257, 14.1856

Protanomaly

15.6600, 17.4462, 13.6084

Deuteranomaly

16.5236, 17.5292, 14.3170

Tritanomaly

15.5749, 17.4579, 19.0718

Monochromacy



Original Color

14.6436, 17.6257, 14.1856

Achromatopsia

15.6958, 16.5132, 17.9829

Achromatomaly

15.2588, 16.8247, 16.6306

CSS Examples

Text

The CSS property to change the color of the text to XYZ 14.6436, 17.6257, 14.1856 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(102, 122, 98)` looks like.

```
.text, #text, p{  
    color:rgb(102, 122, 98)  
}
```

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(102, 122, 98) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(102, 122, 98) }
```

Border

The CSS property to change the border of an element to XYZ 14.6436, 17.6257, 14.1856 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(102, 122, 98) }
```


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

```
.border{ border-color:rgb(102, 122, 98) }
```

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

Here you see how a box with a 4 pixel `rgb(102, 122, 98)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(102, 122, 98); -webkit-box-  
shadow:4px 4px 4px 4px rgb(102, 122, 98);  
box-shadow:4px 4px 4px 4px rgb(102, 122,  
98) }
```

Background

The CSS property to change the background color of an element to XYZ 14.6436, 17.6257, 14.1856 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(102, 122, 98) }
```

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

```
.background{ background-color: rgb(102,  
122, 98) }
```

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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