

Converting Colors

XYZ(14.4440, 17.7741, 14.1961)

Have a look what the booklet for
XYZ(14.4440, 17.7741, 14.1961)
contains.

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Color

**XYZ(14.4332, 17.7004,
14.2111)**

Conversions

Conversions Part 1

Format	Color
Hex	637B62
RGB	99, 123, 98
RGB Percent	39%, 48%, 38%
CMY	0.6118, 0.5176, 0.6157
CMYK	0.20, 0.00, 0.20, 0.52
HSL	118°, 11%, 43%
HSV	118°, 20%, 48%
XYZ	14.4332, 17.7004, 14.2111
YIQ	112.9740, -6.2790, -12.8630

Conversions

Conversions Part 2

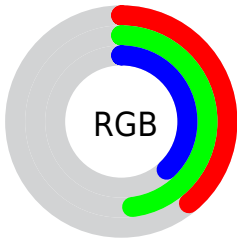
Format	Color
RYB	98, 123, 122
Decimal	6519650
CIELab	49.13, -13.98, 10.84
CIELCh	49, 17.694, 142.202
Yxy	17.7004, 0.3114, 0.3819
Android (android.graphics.Color)	4284709730 (0xFF637B62)
YUV	112.9740, -7.3822, -12.2552
Hunter-Lab	42.0718, -12.3894, 9.4232

Details

The XYZ color **14.4332, 17.7004, 14.2111** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **15.9695, 14.3035, 20.6589**, and the grayscale version is **15.7113, 16.5295, 18.0006**.

A 20% lighter version of the original color is **33.5278, 39.7046, 34.3304**, and **4.4625, 5.8666, 4.0291** is the 20% darker color. If you saturate the color by 10%, you get **12.6995, 16.8692, 11.3278**, and if you desaturate by 10%, it is **16.4458, 18.6661, 17.5742**.

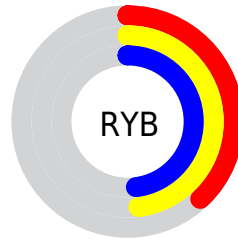
Distribution



Red (39%)

Green (48%)

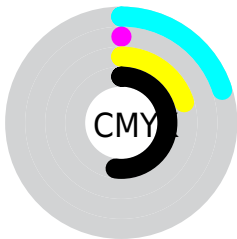
Blue (38%)



Red (38%)

Yellow (48%)

Blue (48%)

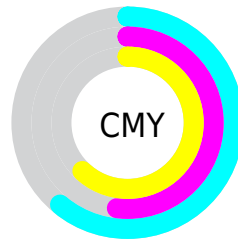


Cyan (20%)

Magenta (0%)

Yellow (20%)

Black (52%)



Cyan (61%)

Magenta (52%)

Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 14.4332, 17.7004, 14.2111 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 14.4332, 17.7004, 14.2111 by changing the saturation by 10% instead.

■ 14.4332, 17.7004,
14.2111

■ 14.4332, 17.7004,
14.2111

213.3665,
239.1769, 230.0141

■ 8.5063, 10.7351,
8.1272

■ 33.4356, 39.5261,
34.1856

■ 4.4751, 5.8890,
4.0875

■ 47.2418, 55.1554,
48.9133

■ 1.9743, 2.7777,
1.6735

■ 64.4052, 74.4414,
67.3594

■ 0.6194, 1.0168,
0.3425

■ 85.2910, 97.7686,
89.9424

■ 0.0000, 0.0000,
0.0000

110.2647,
125.5213, 117.0808

139.6916,

158.0840, 149.1932

173.9371,
195.8411, 186.6981

■ 14.4332, 17.7004,
14.2111

■ 14.4332, 17.7004,
14.2111

■ 12.6995, 16.8692,
11.3278

■ 16.4458, 18.6661,
17.5742

■ 11.2311, 16.1644,
8.9013

■ 18.7473, 19.7695,
21.4362

■ 10.0152, 15.5804,
6.9085

■ 21.3491, 21.0165,
25.8169

■ 9.0377, 15.1106,
5.3240

■ 24.2614, 22.4120,
30.7343

■ 8.2829, 14.7473,
4.1193

■ 27.4939, 23.9607,
36.2057

■ 7.7333, 14.4824,
3.2629

■ 31.0560, 25.6670,
42.2479

■ 7.3686, 14.3061,
2.7176

■ 34.9567, 27.5352,
48.8764

■ 7.1449, 14.1983,
2.3640

■ 39.2047, 29.5694,
56.1067

■ 43.8081, 31.7737,
63.9533

Harmonies

Analogous

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



15.6500, 17.7004, 12.0086



14.4332, 17.7004, 14.2111



13.8648, 17.7004, 18.0629

Triad

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



14.4332, 17.7004, 14.2111



16.3958, 17.7004, 29.7812



19.9441, 17.7004, 16.0310

Complementary

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



14.4332, 17.7004, 14.2111



15.9695, 14.3035, 20.6589

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.



20.1762, 17.7004, 20.5354



14.4332, 17.7004, 14.2111



18.0546, 17.7004, 28.9979

Square

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



14.4332, 17.7004, 14.2111



14.9485, 17.7004, 27.4050



19.4646, 17.7004, 25.4127



18.8496, 17.7004, 12.9330

Rectangle

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



14.4332, 17.7004, 14.2111



13.9021, 17.7004, 21.2632



19.4646, 17.7004, 25.4127



20.1284, 17.7004, 17.4105

Sweetspot

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



14.4337, 17.7012, 14.2115



31.1068, 34.2196, 34.2484



17.3026, 18.9514, 14.3016



7.2776, 8.0360, 7.9846



60.6688, 63.8283, 69.5090



7.9400, 8.3535, 9.0970

Same Dimension

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



14.4337, 17.7012, 14.2115



24.4622, 31.0331, 23.1436



14.8943, 17.8729, 17.2040



3.9643, 4.4569, 4.2758



7.3899, 14.6868, 2.4454



35.0783, 69.9690, 11.6565

Inverse Universe

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



15.9695, 14.3035, 20.6589



27.6927, 23.8850, 36.7073



15.4474, 14.1111, 17.1665



4.1394, 4.0697, 5.0105



11.4375, 5.4690, 19.8381



54.3808, 25.9963, 94.6214

Previews

White Background



This preview shows how the XYZ color 14.4332, 17.7004, 14.2111 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 14.4332, 17.7004, 14.2111 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 14.4332, 17.7004, 14.2111

Background



This preview shows how black text looks on a background with the XYZ color 14.4332, 17.7004, 14.2111.



This preview shows how white text looks on a background with the XYZ color 14.4332, 17.7004,

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

14.4332, 17.7004, 14.2111

Protanopia

16.4793, 17.5280, 13.3412

Deuteranopia

17.9259, 17.5768, 14.5044



Tritanopia

16.2020, 17.6952, 22.9837

Trichromacy



Original Color

14.4332, 17.7004, 14.2111

Protanomaly

15.6476, 17.6156, 13.6418

Deuteranomaly

16.3827, 17.4566, 14.3104

Tritanomaly

15.4068, 17.5421, 19.4036

Monochromacy



Original Color

14.4332, 17.7004, 14.2111

Achromatopsia

15.6958, 16.5132, 17.9829

Achromatomaly

15.2524, 16.9934, 16.6635

CSS Examples

Text

The CSS property to change the color of the text to XYZ 14.4332, 17.7004, 14.2111 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(99, 123, 98) looks like.

```
.text, #text, p{  
    color:rgb(99, 123, 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(99, 123, 98) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(99, 123, 98) }
```

Border

The CSS property to change the border of an element to XYZ 14.4332, 17.7004, 14.2111 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(99, 123, 98) }
```


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

```
.border{ border-color:rgb(99, 123, 98) }
```

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

Here you see how a box with a 4 pixel `rgb(99, 123, 98)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(99, 123, 98); -webkit-box-  
shadow:4px 4px 4px 4px rgb(99, 123, 98);  
box-shadow:4px 4px 4px 4px rgb(99, 123,  
98) }
```

Background

The CSS property to change the background color of an element to XYZ 14.4332, 17.7004, 14.2111 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(99, 123, 98) }
```

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

```
.background{ background-color: rgb(99, 123,  
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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