

Converting Colors

XYZ(14.3425, 17.5016, 16.0518)

Have a look what the booklet for
XYZ(14.3425, 17.5016, 16.0518)
contains.

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Color

**XYZ(14.3332, 17.4258,
15.9727)**

Conversions

Conversions Part 1

Format	Color
Hex	607A69
RGB	96, 122, 105
RGB Percent	38%, 48%, 41%
CMY	0.6235, 0.5216, 0.5882
CMYK	0.21, 0.00, 0.14, 0.52
HSL	141°, 12%, 43%
HSV	141°, 21%, 48%
XYZ	14.3332, 17.4258, 15.9727
YIQ	112.2880, -10.0390, -10.7990

Conversions

Conversions Part 2

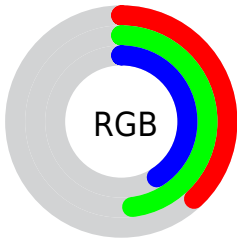
Format	Color
R_{YB}	96, 115, 122
Decimal	6322793
CIE _{Lab}	48.79, -13.14, 6.23
CIE _{LCh}	49, 14.542, 154.630
Yxy	17.4258, 0.3003, 0.3651
Android (android.graphics.Color)	4284512873 (0xFF607A69)
YUV	112.2880, -3.5930, -14.2846
Hunter-Lab	41.7442, -11.7630, 6.5347

Details

The XYZ color **14.3332, 17.4258, 15.9727** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **15.1901, 13.6960, 17.4665**, and the grayscale version is **15.4984, 16.3056, 17.7568**.

A 20% lighter version of the original color is **33.1694, 38.8754, 37.2080**, and **4.4129, 5.7235, 4.8752** is the 20% darker color. If you saturate the color by 10%, you get **12.7570, 16.6589, 13.8582**, and if you desaturate by 10%, it is **16.1481, 18.3123, 18.2999**.

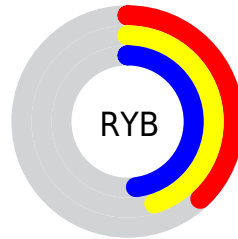
Distribution



Red (38%)

Green (48%)

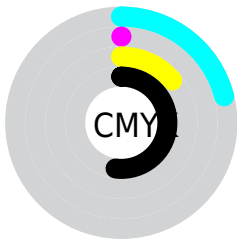
Blue (41%)



Red (38%)

Yellow (45%)

Blue (48%)

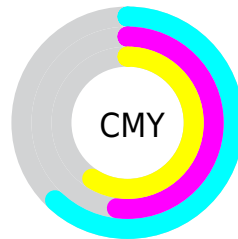


Cyan (21%)

Magenta (0%)

Yellow (14%)

Black (52%)



Cyan (62%)

Magenta (52%)

Yellow (59%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 14.3332, 17.4258, 15.9727 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 14.3332, 17.4258, 15.9727 by changing the saturation by 10% instead.

■ 14.3332, 17.4258,
15.9727

■ 14.3332, 17.4258,
15.9727

212.7633,
237.6143, 241.0208

■ 8.4360, 10.5385,
9.3507

■ 33.2604, 39.0564,
37.3169

■ 4.4293, 5.7575,
4.8707

■ 47.0212, 54.5686,
52.8762

■ 1.9478, 2.6982,
2.1142

■ 64.1339, 73.7245,
72.2517

■ 0.6044, 0.9763,
0.6242

■ 84.9638, 96.9086,
95.8619

■ 0.0000, 0.0000,
0.0000

109.8764,
124.5052, 124.1254

139.2369,

156.8988, 157.4607

173.4108,
194.4737, 196.2863

■ 14.3332, 17.4258,
15.9727

■ 14.3332, 17.4258,
15.9727

■ 12.7570, 16.6589,
13.8582

■ 16.1481, 18.3123,
18.2999

■ 11.4078, 16.0042,
11.9493

■ 18.2098, 19.3210,
20.8444

■ 10.2751, 15.4569,
10.2402

■ 20.5279, 20.4571,
23.6122

■ 9.3470, 15.0111,
8.7241

■ 23.1109, 21.7251,
26.6084

■ 8.6105, 14.6601,
7.3943

■ 25.9671, 23.1289,
29.8383

■ 8.0506, 14.3963,
6.2434

■ 29.1041, 24.6726,
33.3067

■ 7.6504, 14.2113,
5.2633

■ 32.5296, 26.3599,
37.0186

■ 7.3819, 14.0886,
4.5425

■ 36.2507, 28.1944,
40.9786

■ 40.2744, 30.1796,
45.1912

Harmonies

Analogous

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



15.1355, 17.4258, 13.5064



14.3332, 17.4258, 15.9727



14.1154, 17.4258, 19.5782

Triad

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



14.3332, 17.4258, 15.9727



16.7724, 17.4258, 27.3591



18.7841, 17.4258, 15.0668

Complementary

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



14.3332, 17.4258, 15.9727



15.1901, 13.6960, 17.4665

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.



19.2777, 17.4258, 18.3819



14.3332, 17.4258, 15.9727



18.0769, 17.4258, 25.7472

Square

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



14.3332, 17.4258, 15.9727



15.4787, 17.4258, 26.4873



19.0122, 17.4258, 22.3289



17.6962, 17.4258, 13.0352

Rectangle

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



14.3332, 17.4258, 15.9727



14.3204, 17.4258, 22.2324



19.0122, 17.4258, 22.3289



19.0277, 17.4258, 16.0502

Sweetspot

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



14.3337, 17.4265, 15.9731



30.2271, 33.1048, 34.4585



15.9245, 18.2973, 13.7589



6.8714, 7.5498, 7.8295



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.



14.3337, 17.4265, 15.9731



23.6911, 29.9141, 26.0772



15.0342, 17.7067, 19.6620



4.0029, 4.4708, 4.5489



7.7679, 14.8308, 4.7629



36.6879, 70.5982, 20.7923

Inverse Universe

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



15.1901, 13.6960, 17.4665



25.5050, 22.0101, 29.2382



14.5258, 13.4302, 13.9683



4.0983, 4.0551, 4.7155



9.9617, 4.9608, 8.3553



47.1057, 23.4986, 37.6820

Previews

White Background



This preview shows how the XYZ color 14.3332, 17.4258, 15.9727 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 14.3332, 17.4258, 15.9727 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 14.3332, 17.4258, 15.9727

Background



This preview shows how black text looks on a background with the XYZ color 14.3332, 17.4258, 15.9727.

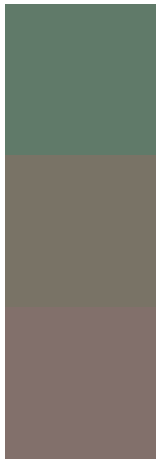


This preview shows how white text looks on a background with the XYZ color 14.3332, 17.4258,

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

14.3332, 17.4258, 15.9727

Protanopia

16.4142, 17.2857, 15.0417

Deuteranopia

17.6539, 17.3957, 16.3372



Tritanopia

15.7486, 17.4615, 22.9624

Trichromacy



Original Color

14.3332, 17.4258, 15.9727

Protanomaly

15.6087, 17.3809, 15.3641

Deuteranomaly

16.3181, 17.3829, 16.1309

Tritanomaly

15.2522, 17.4417, 20.3320

Monochromacy



Original Color

14.3332, 17.4258, 15.9727

Achromatopsia

15.4009, 16.2029, 17.6450

Achromatomaly

14.9496, 16.6591, 16.8956

CSS Examples

Text

The CSS property to change the color of the text to XYZ 14.3332, 17.4258, 15.9727 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(96, 122, 105) looks like.

```
.text, #text, p{  
    color:rgb(96, 122, 105)  
}
```

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(96, 122, 105) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(96, 122, 105) }
```

Border

The CSS property to change the border of an element to XYZ 14.3332, 17.4258, 15.9727 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(96, 122, 105) }
```


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

```
.border{ border-color:rgb(96, 122, 105) }
```

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

Here you see how a box with a 4 pixel `rgb(96, 122, 105)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(96, 122, 105); -webkit-box-  
shadow:4px 4px 4px 4px rgb(96, 122, 105);  
box-shadow:4px 4px 4px 4px rgb(96, 122,  
105) }
```

Background

The CSS property to change the background color of an element to XYZ 14.3332, 17.4258, 15.9727 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(96, 122, 105) }
```

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

```
.background{ background-color: rgb(96, 122,  
105) }
```

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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