

Converting Colors

XYZ(14.6872, 17.5527, 10.5938)

Have a look what the booklet for
XYZ(14.6872, 17.5527, 10.5938)
contains.

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Color

**XYZ(14.6670, 17.5352,
10.5942)**

Conversions

Conversions Part 1

Format	Color
Hex	6D7952
RGB	109, 121, 82
RGB Percent	43%, 47%, 32%
CMY	0.5726, 0.5255, 0.6784
CMYK	0.10, 0.00, 0.32, 0.53
HSL	78°, 19%, 40%
HSV	78°, 32%, 47%
XYZ	14.6670, 17.5352, 10.5942
YIQ	112.9660, 5.3670, -14.6730

Conversions

Conversions Part 2

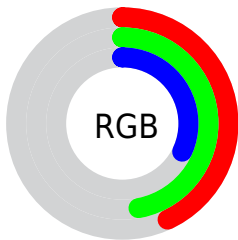
Format	Color
R _Y B	82, 121, 94
Decimal	7174482
CIE Lab	48.93, -11.67, 19.96
CIE LCh	49, 23.119, 120.325
Yxy	17.5352, 0.3427, 0.4097
Android (android.graphics.Color)	4285364562 (0xFF6D7952)
YUV	112.9660, -15.2662, -3.4782
Hunter-Lab	41.8751, -10.7606, 14.3124

Details

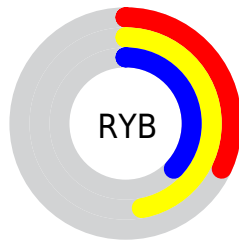
The XYZ color **14.6670, 17.5352, 10.5942** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **11.0854, 9.7952, 19.3967**, and the grayscale version is **15.7291, 16.5482, 18.0210**.

A 20% lighter version of the original color is **33.8064, 39.1302, 27.6009**, and **4.5603, 5.7542, 2.5394** is the 20% darker color. If you saturate the color by 10%, you get **13.7983, 17.1365, 8.3584**, and if you desaturate by 10%, it is **15.6373, 17.9780, 13.2595**.

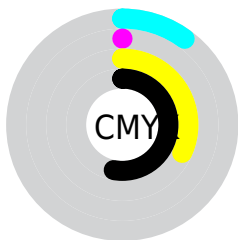
Distribution



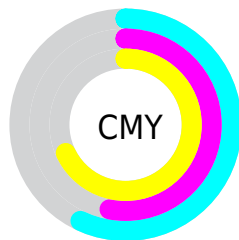
- Red (43%)
- Green (47%)
- Blue (32%)



- Red (32%)
- Yellow (47%)
- Blue (37%)



- Cyan (10%)
- Magenta (0%)
- Yellow (32%)
- Black (53%)



- Cyan (57%)
- Magenta (53%)
- Yellow (68%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 14.6670, 17.5352, 10.5942 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 14.6670, 17.5352, 10.5942 by changing the saturation by 10% instead.

■ 14.6670, 17.5352,
10.5942

■ 14.6670, 17.5352,
10.5942

214.7703,
238.2380, 205.4984

■ 8.6708, 10.6168,
5.6840

■ 33.8444, 39.2437,
27.5324

■ 4.5825, 5.8098,
2.5882

■ 47.7563, 54.8026,
40.3974

■ 2.0366, 2.7298,
0.8864

■ 65.0375, 74.0105,
56.7511

■ 0.6544, 0.9923,
0.0000

■ 86.0534, 97.2517,
77.0120

■ 0.0000, 0.0000,
0.0000

■ 111.1692,
124.9107, 101.5986

140.7504,

157.3718, 130.9295

175.1623,
195.0194, 165.4233

■ 14.6670, 17.5352,
10.5942

■ 14.6670, 17.5352,
10.5942

■ 13.7983, 17.1365,
8.3584

■ 15.6373, 17.9780,
13.2595

■ 13.0252, 16.7777,
6.5283

■ 16.7120, 18.4642,
16.3739

■ 12.3434, 16.4575,
5.0799

■ 17.8954, 18.9962,
19.9572

■ 11.7475, 16.1739,
3.9860

■ 19.1913, 19.5755,
24.0279

■ 11.2312, 15.9243,
3.2157

■ 20.6032, 20.2035,
28.6033

■ 10.7876, 15.7058,
2.7329

■ 22.1344, 20.8817,
33.6998

■ 10.4727, 15.5494,
2.4494

■ 23.7882, 21.6112,
39.3332

■ 25.5675, 22.3935,
45.5187

■ 27.4754, 23.2296,
52.2706

Harmonies

Analogous

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



16.6433, 17.5352, 9.5386



14.6670, 17.5352, 10.5942



13.3294, 17.5352, 13.8148

Triad

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



14.6670, 17.5352, 10.5942



14.7043, 17.5352, 31.3251



21.1476, 17.5352, 19.0259

Complementary

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



14.6670, 17.5352, 10.5942



11.0854, 9.7952, 19.3967

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.



20.5191, 17.5352, 25.5685



14.6670, 17.5352, 10.5942



16.6901, 17.5352, 33.5329

Square

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



14.6670, 17.5352, 10.5942



13.3496, 17.5352, 25.7099



18.8403, 17.5352, 31.2319



20.4922, 17.5352, 13.7214

Rectangle

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



14.6670, 17.5352, 10.5942



12.9176, 17.5352, 17.1730



18.8403, 17.5352, 31.2319



21.0789, 17.5352, 21.1507

Sweetspot

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



14.6674, 17.5360, 10.5946



30.3293, 33.2447, 30.5238



13.3849, 12.6269, 9.7146



6.8822, 7.5777, 6.8224



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.



14.6674, 17.5360, 10.5946



25.0437, 30.8401, 15.8059



12.5580, 16.4485, 10.4959



4.1934, 4.5750, 4.2865



11.2107, 16.6565, 2.6242



52.5757, 78.9892, 12.4754

Inverse Universe

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



11.0854, 9.7952, 19.3967



17.5287, 14.5917, 34.2855



13.3050, 10.9395, 19.5005



3.9030, 3.9479, 4.9995



4.5147, 1.9002, 19.5141



20.7592, 8.6638, 93.0479

Previews

White Background



This preview shows how the XYZ color 14.6670, 17.5352, 10.5942 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 14.6670, 17.5352, 10.5942 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

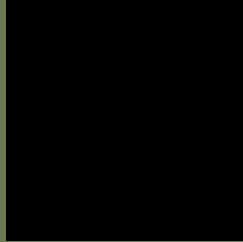
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 14.6670, 17.5352, 10.5942

Background



This preview shows how black text looks on a background with the XYZ color 14.6670, 17.5352, 10.5942.



This preview shows how white text looks on a background with the XYZ color 14.6670, 17.5352,

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

14.6670, 17.5352, 10.5942

Protanopia

16.2975, 17.5056, 10.1094

Deuteranopia

17.7659, 17.4122, 10.8120



Tritanopia

17.0173, 17.6163, 21.9054

Trichromacy



Original Color

14.6670, 17.5352, 10.5942

Protanomaly

15.7094, 17.5440, 10.3429

Deuteranomaly

16.4445, 17.3980, 10.6751

Tritanomaly

16.0488, 17.5717, 17.0138

Monochromacy



Original Color

14.6670, 17.5352, 10.5942

Achromatopsia

15.6958, 16.5132, 17.9829

Achromatomaly

15.3258, 16.8948, 15.0236

CSS Examples

Text

The CSS property to change the color of the text to XYZ 14.6670, 17.5352, 10.5942 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(109, 121, 82)` looks like.

```
.text, #text, p{  
    color:rgb(109, 121, 82)  
}
```

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(109, 121, 82) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(109, 121, 82) }
```

Border

The CSS property to change the border of an element to XYZ 14.6670, 17.5352, 10.5942 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(109, 121, 82) }
```


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

```
.border{ border-color:rgb(109, 121, 82) }
```

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

Here you see how a box with a 4 pixel `rgb(109, 121, 82)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(109, 121, 82); -webkit-box-  
shadow:4px 4px 4px 4px rgb(109, 121, 82);  
box-shadow:4px 4px 4px 4px rgb(109, 121,  
82) }
```

Background

The CSS property to change the background color of an element to XYZ 14.6670, 17.5352, 10.5942 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(109, 121, 82) }
```

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

```
.background{ background-color: rgb(109,  
121, 82) }
```

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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