

Converting Colors

XYZ(14.8471, 17.6163, 11.1520)

Have a look what the booklet for
XYZ(14.8471, 17.6163, 11.1520)
contains.

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Color

**XYZ(14.9075, 17.6456,
11.2146)**

Conversions

Conversions Part 1

Format	Color
Hex	6E7955
RGB	110, 121, 85
RGB Percent	43%, 47%, 33%
CMY	0.5686, 0.5255, 0.6667
CMYK	0.09, 0.00, 0.30, 0.53
HSL	78°, 17%, 40%
HSV	78°, 30%, 47%
XYZ	14.9075, 17.6456, 11.2146
YIQ	113.6070, 5.0000, -13.5280

Conversions

Conversions Part 2

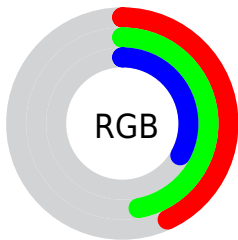
Format	Color
RYB	85, 121, 96
Decimal	7240021
CIELab	49.06, -10.80, 18.43
CIELCh	49, 21.360, 120.375
Yxy	17.6456, 0.3406, 0.4032
Android (android.graphics.Color)	4285430101 (0xFF6E7955)
YUV	113.6070, -14.1033, -3.1633
Hunter-Lab	42.0067, -10.1648, 13.5759

Details

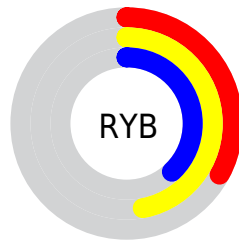
The XYZ color **14.9075, 17.6456, 11.2146** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **11.5242, 10.3648, 19.4833**, and the grayscale version is **15.9168, 16.7457, 18.2360**.

A 20% lighter version of the original color is **34.2170, 39.3178, 28.7073**, and **4.6702, 5.8053, 2.7939** is the 20% darker color. If you saturate the color by 10%, you get **14.0169, 17.2379, 8.8746**, and if you desaturate by 10%, it is **15.9004, 18.0976, 13.9893**.

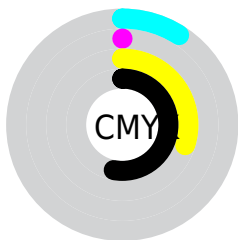
Distribution



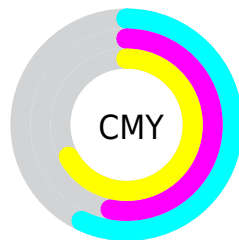
- Red (43%)
- Green (47%)
- Blue (33%)



- Red (33%)
- Yellow (47%)
- Blue (38%)



- Cyan (9%)
- Magenta (0%)
- Yellow (30%)
- Black (53%)



- Cyan (57%)
- Magenta (53%)
- Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 14.9075, 17.6456, 11.2146 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 14.9075, 17.6456, 11.2146 by changing the saturation by 10% instead.

■ 14.9075, 17.6456,
11.2146

■ 14.9075, 17.6456,
11.2146

216.2052,
238.8658, 209.9240

■ 8.8404, 10.6958,
6.0954

■ 34.2638, 39.4325,
28.6990

■ 4.6935, 5.8627,
2.8334

■ 48.2837, 55.0384,
41.9013

■ 2.1015, 2.7618,
1.0102

■ 65.6853, 74.2986,
58.6350

■ 0.6900, 1.0087,
0.0000

■ 86.8338, 97.5973,
79.3187

■ 0.0000, 0.0000,
0.0000

■ 112.0947,
125.3190, 104.3709

141.8334,

157.8480, 134.2101

176.4150,
195.5688, 169.2550

■ 14.9075, 17.6456,
11.2146

■ 14.9075, 17.6456,
11.2146

■ 14.0169, 17.2379,
8.8746

■ 15.9004, 18.0976,
13.9893

■ 13.2230, 16.8705,
6.9462

■ 16.9984, 18.5934,
17.2180

■ 12.5212, 16.5421,
5.4057

■ 18.2059, 19.1351,
20.9204

■ 11.9065, 16.2506,
4.2267

■ 19.5264, 19.7244,
25.1144

■ 11.3728, 15.9937,
3.3794

■ 20.9634, 20.3626,
29.8173

■ 10.9134, 15.7686,
2.8292

■ 22.5203, 21.0511,
35.0453

■ 10.5058, 15.5662,
2.4595

■ 24.2002, 21.7912,
40.8139

■ 10.4960, 15.5614,
2.4504

■ 26.0062, 22.5841,
47.1382

■ 27.9411, 23.4310,
54.0324

Harmonies

Analogous

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



16.7466, 17.6456, 10.1951



14.9075, 17.6456, 11.2146



13.6560, 17.6456, 14.2823

Triad

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



14.9075, 17.6456, 11.2146



14.9477, 17.6456, 30.4199



20.9031, 17.6456, 19.1414

Complementary

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



14.9075, 17.6456, 11.2146



11.5242, 10.3648, 19.4833

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.



20.3283, 17.6456, 25.1651



14.9075, 17.6456, 11.2146



16.7967, 17.6456, 32.4105

Square

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



14.9075, 17.6456, 11.2146



13.6779, 17.6456, 25.3142



18.7850, 17.6456, 30.3225



20.2999, 17.6456, 14.1806

Rectangle

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



14.9075, 17.6456, 11.2146



13.2699, 17.6456, 17.4357



18.7850, 17.6456, 30.3225



20.8407, 17.6456, 21.1072

Sweetspot

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



14.9080, 17.6464, 11.2150



30.5473, 33.3432, 31.1598



13.6901, 13.0507, 10.3921



6.9281, 7.5985, 6.9547



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.



14.9080, 17.6464, 11.2150



25.5365, 31.0680, 17.0101



12.9113, 16.6171, 11.1215



4.1942, 4.5754, 4.2866



11.2358, 16.6695, 2.6253



52.6984, 79.0525, 12.4812

Inverse Universe

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



11.5242, 10.3648, 19.4833



18.4017, 15.7073, 34.4548



13.6138, 11.4419, 19.5811



3.9022, 3.9475, 4.9994



4.5047, 1.8950, 19.5136



20.7148, 8.6409, 93.0459

Previews

White Background



This preview shows how the XYZ color 14.9075, 17.6456, 11.2146 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 14.9075, 17.6456, 11.2146 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

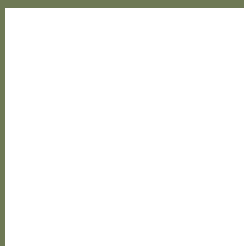
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 14.9075, 17.6456, 11.2146

Background



This preview shows how black text looks on a background with the XYZ color 14.9075, 17.6456, 11.2146.



This preview shows how white text looks on a background with the XYZ color 14.9075, 17.6456,

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

14.9075, 17.6456, 11.2146

Protanopia

16.2642, 17.4753, 10.6995

Deuteranopia

17.8310, 17.5948, 11.4732



Tritanopia

17.0173, 17.6163, 21.9054

Trichromacy



Original Color

14.9075, 17.6456, 11.2146

Protanomaly

15.8244, 17.5900, 10.9487

Deuteranomaly

16.5628, 17.4454, 11.2984

Tritanomaly

16.1030, 17.5934, 17.2990

Monochromacy



Original Color

14.9075, 17.6456, 11.2146

Achromatopsia

15.9940, 16.8269, 18.3245

Achromatomaly

15.6195, 17.2126, 15.3311

CSS Examples

Text

The CSS property to change the color of the text to XYZ 14.9075, 17.6456, 11.2146 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(110, 121, 85)` looks like.

```
.text, #text, p{  
    color:rgb(110, 121, 85)  
}
```

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(110, 121, 85) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(110, 121, 85) }
```

Border

The CSS property to change the border of an element to XYZ 14.9075, 17.6456, 11.2146 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(110, 121, 85) }
```


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

```
.border{ border-color:rgb(110, 121, 85) }
```

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

Here you see how a box with a 4 pixel `rgb(110, 121, 85)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(110, 121, 85); -webkit-box-  
shadow:4px 4px 4px 4px rgb(110, 121, 85);  
box-shadow:4px 4px 4px 4px rgb(110, 121,  
85) }
```

Background

The CSS property to change the background color of an element to XYZ 14.9075, 17.6456, 11.2146 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(110, 121, 85) }
```

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

```
.background{ background-color: rgb(110,  
121, 85) }
```

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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