

Converting Colors

XYZ(11.4228, 13.9619, 17.4588)

Have a look what the booklet for
XYZ(11.4228, 13.9619, 17.4588)
contains.

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Color

**XYZ(11.4331, 13.9946,
17.4279)**

Conversions

Conversions Part 1

Format	Color
Hex	4A6F70
RGB	74, 111, 112
RGB Percent	29%, 44%, 44%
CMY	0.7098, 0.5647, 0.5608
CMYK	0.34, 0.01, 0.00, 0.56
HSL	182°, 20%, 36%
HSV	182°, 34%, 44%
XYZ	11.4331, 13.9946, 17.4279
YIQ	100.0510, -22.3730, -7.5330

Conversions

Conversions Part 2

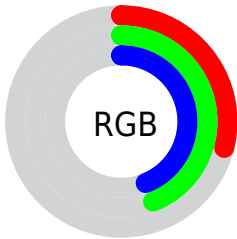
Format	Color
RYB	74, 93, 112
Decimal	4878192
CIELab	44.23, -12.77, -4.75
CIElCh	44, 13.628, 200.415
Yxy	13.9946, 0.2668, 0.3266
Android (android.graphics.Color)	4283068272 (0xFF4A6F70)
YUV	100.0510, 5.8909, -22.8467
Hunter-Lab	37.4094, -10.9130, -1.4349

Details

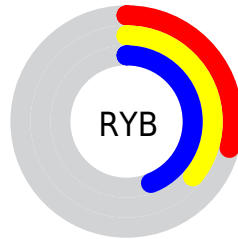
The XYZ color **11.4331, 13.9946, 17.4279** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **10.4343, 8.9714, 7.6605**, and the grayscale version is **12.1160, 12.7469, 13.8814**.

A 20% lighter version of the original color is **28.1102, 33.1598, 40.0409**, and **3.1289, 4.1448, 5.4856** is the 20% darker color. If you saturate the color by 10%, you get **10.6145, 13.5254, 17.3807**, and if you desaturate by 10%, it is **12.4062, 14.5443, 17.4830**.

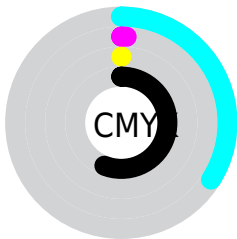
Distribution



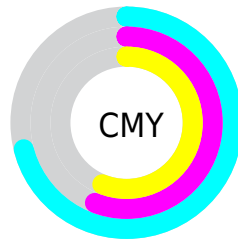
- Red (29%)
- Green (44%)
- Blue (44%)



- Red (29%)
- Yellow (36%)
- Blue (44%)



- Cyan (34%)
- Magenta (1%)
- Yellow (0%)
- Black (56%)



- Cyan (71%)
- Magenta (56%)
- Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 11.4331, 13.9946, 17.4279 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 11.4331, 13.9946, 17.4279 by changing the saturation by 10% instead.

■ 11.4331, 13.9946,
17.4279

■ 11.4331, 13.9946,
17.4279

194.4628,
217.1972, 249.7532

■ 6.4284, 8.1169,
10.3749

■ 28.0842, 33.0794,
39.8607

■ 3.1504, 4.1698,
5.5394

■ 40.4613, 47.0554,
56.0776

■ 1.2338, 1.7690,
2.5029

■ 56.0266, 64.4995,
76.1861

■ 0.1328, 0.4678,
0.8417

■ 75.1454, 85.7963,
100.6049

■ 0.0000, 0.0000,
0.0000

■ 98.1830, 111.3301,
129.7525

125.5049,

141.4852, 164.0474

157.4764,
176.6461, 203.9081

■ 11.4331, 13.9946,
17.4279

■ 11.4331, 13.9946,
17.4279

■ 10.6145, 13.5254,
17.3807

■ 12.4062, 14.5443,
17.4830

■ 9.9411, 13.1307,
17.3400

■ 13.5400, 15.1768,
17.5453

■ 9.4042, 12.8067,
17.3058

■ 14.8422, 15.8961,
17.6155

■ 8.9941, 12.5482,
17.2775

■ 16.3192, 16.7058,
17.6939

■ 8.6996, 12.3493,
17.2546

■ 17.9775, 17.6090,
17.7809

■ 8.5037, 12.2016,
17.2364

■ 19.8228, 18.6089,
17.8766

■ 8.3995, 12.1195,
17.2261

■ 21.8610, 19.7083,
17.9814

■ 24.0975, 20.9101,
18.0955

■ 26.5375, 22.2170,
18.2191

Harmonies

Analogous

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



11.3408, 13.9946, 14.2604



11.4331, 13.9946, 17.4279



12.0107, 13.9946, 20.3452

Triad

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



11.4331, 13.9946, 17.4279



14.9822, 13.9946, 19.3896



13.6533, 13.9946, 10.0543

Complementary

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



11.4331, 13.9946, 17.4279



10.4343, 8.9714, 7.6605

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.



14.6815, 13.9946, 11.0657



11.4331, 13.9946, 17.4279



15.4759, 13.9946, 16.2587

Square

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



11.4331, 13.9946, 17.4279



14.0457, 13.9946, 21.5807



15.3630, 13.9946, 13.2392



12.5840, 13.9946, 10.2781

Rectangle

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



11.4331, 13.9946, 17.4279



12.6115, 13.9946, 21.6182



15.3630, 13.9946, 13.2392



14.0161, 13.9946, 10.2552

Sweetspot

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



11.4335, 13.9952, 17.4282



24.5898, 27.1067, 30.8659



9.8759, 13.5474, 8.6856



5.8493, 6.4800, 7.4122



55.7959, 58.7016, 63.9261



6.5000, 6.8385, 7.4471

Same Dimension

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



11.4335, 13.9952, 17.4282



18.8938, 23.9032, 30.5477



9.6079, 10.3439, 16.8197



3.4678, 3.8009, 4.3051



9.7075, 14.0053, 19.9133



48.2535, 69.5589, 99.1621

Inverse Universe

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



12.0004, 9.4903, 16.2389



20.0648, 14.6754, 28.0742



11.8885, 11.8798, 8.1452



3.5108, 3.4520, 4.2166



10.9182, 5.2597, 17.1772



54.3361, 26.1798, 85.2911

Previews

White Background



This preview shows how the XYZ color 11.4331, 13.9946, 17.4279 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 11.4331, 13.9946, 17.4279 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 11.4331, 13.9946, 17.4279

Background



This preview shows how black text looks on a background with the XYZ color 11.4331, 13.9946, 17.4279.



This preview shows how white text looks on a background with the XYZ color 11.4331, 13.9946,

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

11.4331, 13.9946, 17.4279

Protanopia

13.4828, 13.9866, 16.1764

Deuteranopia

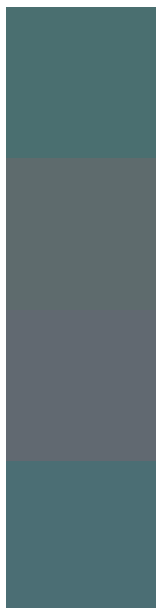
14.1214, 13.8373, 17.8462



Tritanopia

11.8862, 14.0203, 19.5325

Trichromacy



Original Color

11.4331, 13.9946, 17.4279

Protanomaly

12.6341, 13.9992, 16.5042

Deuteranomaly

12.9620, 13.8368, 17.6104

Tritanomaly

11.6300, 13.9087, 18.5947

Monochromacy



Original Color

11.4331, 13.9946, 17.4279

Achromatopsia

12.1130, 12.7438, 13.8780

Achromatomaly

11.7634, 13.1243, 15.0099

CSS Examples

Text

The CSS property to change the color of the text to XYZ 11.4331, 13.9946, 17.4279 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(74, 111, 112)` looks like.

```
.text, #text, p{  
    color:rgb(74, 111, 112)  
}
```

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(74, 111, 112) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(74, 111, 112) }
```

Border

The CSS property to change the border of an element to XYZ 11.4331, 13.9946, 17.4279 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(74, 111, 112) }
```


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

```
.border{ border-color:rgb(74, 111, 112) }
```

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

Here you see how a box with a 4 pixel `rgb(74, 111, 112)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(74, 111, 112); -webkit-box-  
shadow:4px 4px 4px 4px rgb(74, 111, 112);  
box-shadow:4px 4px 4px 4px rgb(74, 111,  
112) }
```

Background

The CSS property to change the background color of an element to XYZ 11.4331, 13.9946, 17.4279 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(74, 111, 112) }
```

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

```
.background{ background-color: rgb(74, 111,  
112) }
```

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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