

Converting Colors

XYZ(11.9395, 14.4503, 17.5460)

Have a look what the booklet for
XYZ(11.9395, 14.4503, 17.5460)
contains.

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Color

**XYZ(11.9432, 14.4205,
17.4832)**

Conversions

Conversions Part 1

Format	Color
Hex	4F7070
RGB	79, 112, 112
RGB Percent	31%, 44%, 44%
CMY	0.6902, 0.5608, 0.5608
CMYK	0.29, 0.00, 0.00, 0.56
HSL	180°, 17%, 37%
HSV	180°, 29%, 44%
XYZ	11.9432, 14.4205, 17.4832
YIQ	102.1330, -19.6680, -6.9960

Conversions

Conversions Part 2

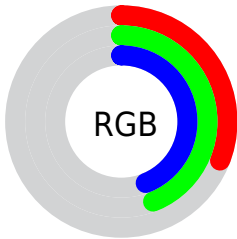
Format	Color
R_{YB}	79, 96, 112
Decimal	5206128
CIE _{Lab}	44.83, -11.76, -3.83
CIE _{LCh}	45, 12.369, 198.018
Yxy	14.4205, 0.2724, 0.3289
Android (android.graphics.Color)	4283396208 (0xFF4F7070)
YUV	102.1330, 4.8644, -20.2876
Hunter-Lab	37.9743, -10.3156, -0.7148

Details

The XYZ color **11.9432, 14.4205, 17.4832** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **10.8898, 9.6015, 8.6769**, and the grayscale version is **12.6557, 13.3148, 14.4998**.

A 20% lighter version of the original color is **29.0296, 33.8984, 40.1350**, and **3.3545, 4.3440, 5.5122** is the 20% darker color. If you saturate the color by 10%, you get **11.0891, 13.9806, 17.4434**, and if you desaturate by 10%, it is **12.9552, 14.9425, 17.5310**.

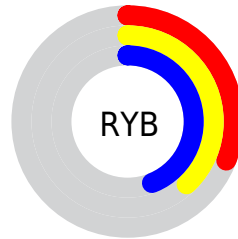
Distribution



Red (31%)

Green (44%)

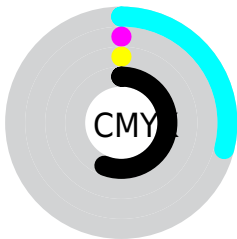
Blue (44%)



Red (31%)

Yellow (38%)

Blue (44%)

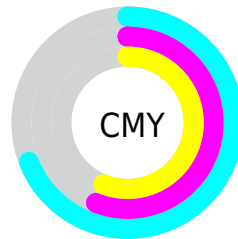


Cyan (29%)

Magenta (0%)

Yellow (0%)

Black (56%)



Cyan (69%)

Magenta (56%)

Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 11.9432, 14.4205, 17.4832 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 11.9432, 14.4205, 17.4832 by changing the saturation by 10% instead.

■ 11.9432, 14.4205,
17.4832

■ 11.9432, 14.4205,
17.4832

197.8065,
219.8313, 250.0793

■ 6.7769, 8.4137,
10.4140

■ 29.0094, 33.8333,
39.9567

■ 3.3681, 4.3608,
5.5651

■ 41.6400, 48.0081,
56.1981

■ 1.3513, 1.8774,
2.5180

■ 57.4894, 65.6744,
76.3339

■ 0.2211, 0.5347,
0.8497

■ 76.9231, 87.2165,
100.7828

■ 0.0000, 0.0000,
0.0000

■ 100.3062,
113.0188, 129.9632

128.0043,

143.4658, 164.2938

160.3826,
178.9419, 204.1929

■ 11.9432, 14.4205,
17.4832

■ 11.9432, 14.4205,
17.4832

■ 11.0891, 13.9806,
17.4434

■ 12.9552, 14.9425,
17.5310

■ 10.3837, 13.6169,
17.4102

■ 14.1310, 15.5487,
17.5863

■ 9.8189, 13.3258,
17.3836

■ 15.4781, 16.2432,
17.6495

■ 9.3853, 13.1022,
17.3631

■ 17.0028, 17.0292,
17.7210

■ 9.0723, 12.9409,
17.3483

■ 18.7113, 17.9099,
17.8012

■ 8.8678, 12.8354,
17.3385

■ 20.6093, 18.8884,
17.8902

■ 8.7264, 12.7626,
17.3317

■ 22.7026, 19.9675,
17.9883

■ 8.7189, 12.7587,
17.3313

■ 24.9964, 21.1500,
18.0958

■ 27.4960, 22.4386,
18.2130

Harmonies

Analogous

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



11.8950, 14.4205, 14.5762



11.9432, 14.4205, 17.4832



12.4493, 14.4205, 20.2035

Triad

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



11.9432, 14.4205, 17.4832



15.1993, 14.4205, 19.7181



14.1129, 14.4205, 10.8702

Complementary

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



11.9432, 14.4205, 17.4832



10.8898, 9.6015, 8.6769

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.



15.0451, 14.4205, 11.9235



11.9432, 14.4205, 17.4832



15.6926, 14.4205, 16.8832

Square

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



11.9432, 14.4205, 17.4832



14.3150, 14.4205, 21.5988



15.6348, 14.4205, 14.0451



13.1150, 14.4205, 10.9891

Rectangle

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



11.9432, 14.4205, 17.4832



12.9929, 14.4205, 21.4366



15.6348, 14.4205, 14.0451



14.4452, 14.4205, 11.0930

Sweetspot

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



11.9436, 14.4211, 17.4835



24.8745, 27.3403, 30.8957



10.4762, 13.8394, 9.5163



5.9141, 6.5365, 7.4196



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.



11.9436, 14.4211, 17.4835



19.9818, 24.8180, 30.6658



10.3368, 11.2073, 16.9484



3.4750, 3.8152, 4.3074



10.0791, 14.7492, 20.0351



50.2084, 73.4720, 99.8033

Inverse Universe

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



10.8898, 9.6015, 8.6769



17.8261, 14.9590, 12.6509



12.1816, 12.1851, 9.1071



3.3845, 3.4015, 3.5515



7.7250, 3.9824, 0.3617



38.4814, 19.8379, 1.8013

Previews

White Background



This preview shows how the XYZ color 11.9432, 14.4205, 17.4832 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 11.9432, 14.4205, 17.4832 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 11.9432, 14.4205, 17.4832

Background



This preview shows how black text looks on a background with the XYZ color 11.9432, 14.4205, 17.4832.



This preview shows how white text looks on a background with the XYZ color 11.9432, 14.4205,

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

11.9432, 14.4205, 17.4832

Protanopia

13.8218, 14.3117, 16.2213

Deuteranopia

14.5696, 14.3601, 17.9235



Tritanopia

12.4679, 14.4743, 19.9060

Trichromacy



Original Color

11.9432, 14.4205, 17.4832

Protanomaly

13.0526, 14.3706, 16.5539

Deuteranomaly

13.3902, 14.2096, 17.6598

Tritanomaly

12.2036, 14.3587, 18.9579

Monochromacy



Original Color

11.9432, 14.4205, 17.4832

Achromatopsia

12.6291, 13.2868, 14.4694

Achromatomaly

12.3716, 13.7284, 15.6335

CSS Examples

Text

The CSS property to change the color of the text to XYZ 11.9432, 14.4205, 17.4832 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(79, 112, 112)` looks like.

```
.text, #text, p{  
    color:rgb(79, 112, 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(79, 112, 112) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(79, 112, 112) }
```

Border

The CSS property to change the border of an element to XYZ 11.9432, 14.4205, 17.4832 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(79, 112, 112) }
```


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

```
.border{ border-color:rgb(79, 112, 112) }
```

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

Here you see how a box with a 4 pixel `rgb(79, 112, 112)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(79, 112, 112); -webkit-box-  
shadow:4px 4px 4px 4px rgb(79, 112, 112);  
box-shadow:4px 4px 4px 4px rgb(79, 112,  
112) }
```

Background

The CSS property to change the background color of an element to XYZ 11.9432, 14.4205, 17.4832 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(79, 112, 112) }
```

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

```
.background{ background-color: rgb(79, 112,  
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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