

Converting Colors

XYZ(13.8890, 13.4074, 17.2435)

Have a look what the booklet for
XYZ(13.8890, 13.4074, 17.2435)
contains.

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Color

**XYZ(13.9420, 13.4730,
17.1950)**

Conversions

Conversions Part 1

Format	Color
Hex	6F6370
RGB	111, 99, 112
RGB Percent	44%, 39%, 44%
CMY	0.5647, 0.6118, 0.5608
CMYK	0.01, 0.12, 0.00, 0.56
HSL	295°, 6%, 41%
HSV	295°, 12%, 44%
XYZ	13.9420, 13.4730, 17.1950
YIQ	104.0700, 2.9790, 6.5870

Conversions

Conversions Part 2

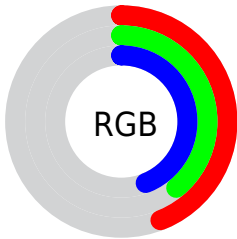
Format	Color
R_{YB}	111, 99, 112
Decimal	7299952
CIE Lab	43.47, 7.37, -5.57
CIE LCh	43, 9.239, 322.889
Yxy	13.4730, 0.3125, 0.3020
Android (android.graphics.Color)	4285490032 (0xFF6F6370)
YUV	104.0700, 3.9095, 6.0776
Hunter-Lab	36.7056, 3.5655, -2.0809

Details

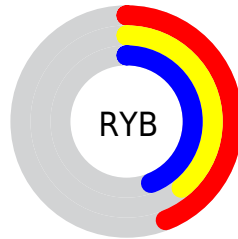
The XYZ color **13.9420, 13.4730, 17.1950** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **13.3023, 15.1989, 14.0376**, and the grayscale version is **13.1664, 13.8521, 15.0850**.

A 20% lighter version of the original color is **32.7114, 32.2796, 39.6285**, and **4.2033, 3.8829, 5.3784** is the 20% darker color. If you saturate the color by 10%, you get **12.8459, 11.4408, 16.8607**, and if you desaturate by 10%, it is **15.1871, 15.8012, 17.5790**.

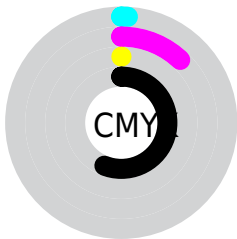
Distribution



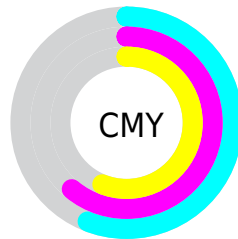
- Red (44%)
- Green (39%)
- Blue (44%)



- Red (44%)
- Yellow (39%)
- Blue (44%)



- Cyan (1%)
- Magenta (12%)
- Yellow (0%)
- Black (56%)



- Cyan (56%)
- Magenta (61%)
- Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 13.9420, 13.4730, 17.1950 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 13.9420, 13.4730, 17.1950 by changing the saturation by 10% instead.

■ 13.9420, 13.4730,
17.1950

■ 13.9420, 13.4730,
17.1950

210.3876,
213.9272, 248.3755

■ 8.1618, 7.7551,
10.2102

■ 32.5732, 32.1510,
39.4560

■ 4.2513, 3.9386,
5.4311

■ 46.1549, 45.8798,
55.5692

■ 1.8453, 1.6393,
2.4392

■ 63.0678, 63.0477,
75.5624

■ 0.5447, 0.3839,
0.8077

■ 83.6772, 84.0391,
99.8540

■ 0.0000, 0.0000,
0.0000

108.3485,
109.2383, 128.8625

137.4471,

139.0298, 163.0066

171.3384,
173.7980, 202.7048

■ 13.9420, 13.4730,
17.1950

■ 13.9420, 13.4730,
17.1950

■ 12.8459, 11.4408,
16.8607

■ 15.1871, 15.8012,
17.5790

■ 11.8917, 9.6910,
16.5733

■ 16.5857, 18.4351,
18.0137

■ 11.0732, 8.2111,
16.3308

■ 18.1436, 21.3860,
18.5011

■ 10.3835, 6.9873,
16.1309

■ 19.8659, 24.6642,
19.0431

■ 9.8151, 6.0045,
15.9712

■ 21.7575, 28.2794,
19.6412

■ 9.3596, 5.2461,
15.8488

■ 23.8230, 32.2409,
20.2970

■ 9.0076, 4.6931,
15.7606

■ 26.0671, 36.5578,
21.0120

■ 8.7481, 4.3234,
15.7029

■ 28.4939, 41.2387,
21.7876

■ 8.5623, 4.0762,
15.6650

■ 31.1077, 46.2920,
22.6252

Harmonies

Analogous

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



13.3519, 13.4730, 18.6349



13.9420, 13.4730, 17.1950



14.2295, 13.4730, 15.1662

Triad

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



13.9420, 13.4730, 17.1950



12.9779, 13.4730, 11.0760



11.5719, 13.4730, 16.2670

Complementary

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



13.9420, 13.4730, 17.1950



13.3023, 15.1989, 14.0376

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.



11.4802, 13.4730, 14.1844



13.9420, 13.4730, 17.1950



12.2746, 13.4730, 11.3113

Square

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



13.9420, 13.4730, 17.1950



13.6595, 13.4730, 11.7291



11.7328, 13.4730, 12.4048



11.9882, 13.4730, 18.0651

Rectangle

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



13.9420, 13.4730, 17.1950



14.2035, 13.4730, 13.8028



11.7328, 13.4730, 12.4048



11.5027, 13.4730, 15.5723

Sweetspot

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



13.9424, 13.4736, 17.1953



26.3408, 27.1229, 30.7767



12.6359, 12.9534, 17.1638



6.2898, 6.4440, 7.3821



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.



13.9424, 13.4736, 17.1953



23.9356, 22.6325, 30.0368



13.7763, 13.4218, 15.6602



3.4903, 3.4411, 4.2344



9.8900, 4.7079, 18.1091



48.9391, 23.2834, 90.1939

Inverse Universe

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



13.4446, 13.2891, 13.9137



22.8751, 22.2401, 23.0180



13.4601, 15.2493, 15.4424



3.3940, 3.4053, 3.6013



7.7755, 4.0026, 0.6275



38.5991, 19.8850, 2.4212

Previews

White Background



This preview shows how the XYZ color 13.9420, 13.4730, 17.1950 looks on a white background.

Color Contrast Check

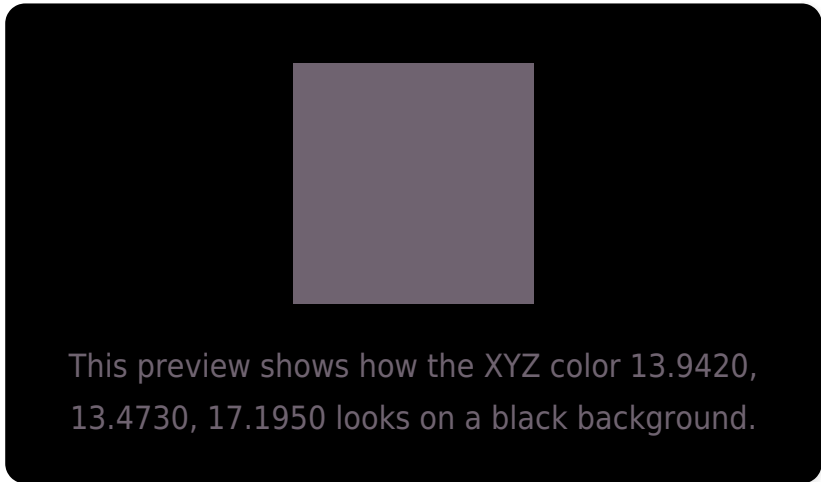
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

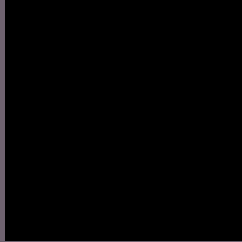
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 13.9420, 13.4730, 17.1950

Background



This preview shows how black text looks on a background with the XYZ color 13.9420, 13.4730, 17.1950.



This preview shows how white text looks on a background with the XYZ color 13.9420, 13.4730,

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

13.9420, 13.4730, 17.1950

Protanopia

13.1555, 13.4843, 17.8290

Deuteranopia

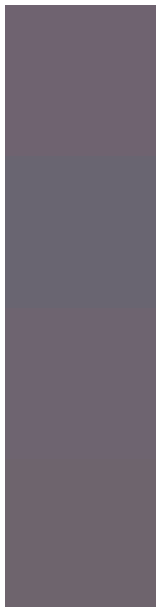
13.7885, 13.5354, 17.2151



Tritanopia

13.6944, 13.5120, 16.0737

Trichromacy



Original Color

13.9420, 13.4730, 17.1950

Protanomaly

13.4600, 13.5029, 17.5197

Deuteranomaly

13.9122, 13.5992, 17.2209

Tritanomaly

13.7479, 13.5335, 16.3556

Monochromacy



Original Color

13.9420, 13.4730, 17.1950

Achromatopsia

13.1579, 13.8432, 15.0752

Achromatomaly

13.4686, 13.6901, 15.8425

CSS Examples

Text

The CSS property to change the color of the text to XYZ 13.9420, 13.4730, 17.1950 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(111, 99, 112)` looks like.

```
.text, #text, p{  
    color:rgb(111, 99, 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(111, 99, 112) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(111, 99, 112) }
```

Border

The CSS property to change the border of an element to XYZ 13.9420, 13.4730, 17.1950 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(111, 99, 112) }
```


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

```
.border{ border-color:rgb(111, 99, 112) }
```

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

Here you see how a box with a 4 pixel `rgb(111, 99, 112)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(111, 99, 112); -webkit-box-  
shadow:4px 4px 4px 4px rgb(111, 99, 112);  
box-shadow:4px 4px 4px 4px rgb(111, 99,  
112) }
```

Background

The CSS property to change the background color of an element to XYZ 13.9420, 13.4730, 17.1950 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(111, 99, 112) }
```

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

```
.background{ background-color: rgb(111, 99,  
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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