

Converting Colors

XYZ(13.8222, 11.0550, 18.5622)

Have a look what the booklet for
XYZ(13.8222, 11.0550, 18.5622)
contains.

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Color

**XYZ(13.7464, 10.9673,
18.5319)**

Conversions

Conversions Part 1

Format	Color
Hex	775076
RGB	119, 80, 118
RGB Percent	47%, 31%, 46%
CMY	0.5333, 0.6863, 0.5373
CMYK	0.00, 0.33, 0.01, 0.53
HSL	302°, 20%, 39%
HSV	302°, 33%, 47%
XYZ	13.7464, 10.9673, 18.5319
YIQ	95.9930, 11.0460, 20.0860

Conversions

Conversions Part 2

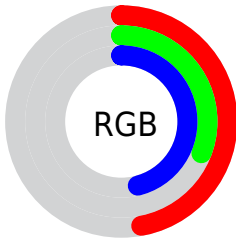
Format	Color
R_{YB}	119, 80, 118
Decimal	7819382
CIE _{Lab}	39.53, 23.12, -15.10
CIE _{LCh}	40, 27.617, 326.846
Yxy	10.9673, 0.3179, 0.2536
Android (android.graphics.Color)	4286009462 (0xFF775076)
YUV	95.9930, 10.8495, 20.1771
Hunter-Lab	33.1169, 16.1384, -9.9963

Details

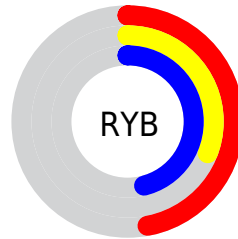
The XYZ color **13.7464, 10.9673, 18.5319** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **11.3907, 15.4935, 10.1754**, and the grayscale version is **11.0895, 11.6670, 12.7054**.

A 20% lighter version of the original color is **32.2516, 27.6382, 41.6651**, and **4.2033, 2.8883, 6.1303** is the 20% darker color. If you saturate the color by 10%, you get **12.9331, 9.3695, 18.1716**, and if you desaturate by 10%, it is **14.7148, 12.8748, 18.9444**.

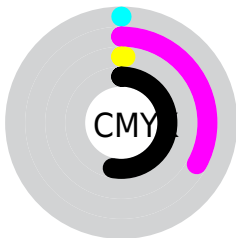
Distribution



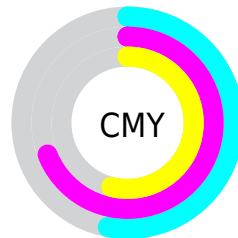
- Red (47%)
- Green (31%)
- Blue (46%)



- Red (47%)
- Yellow (31%)
- Blue (46%)



- Cyan (0%)
- Magenta (33%)
- Yellow (1%)
- Black (53%)



- Cyan (53%)
- Magenta (69%)
- Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 13.7464, 10.9673, 18.5319 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 13.7464, 10.9673, 18.5319 by changing the saturation by 10% instead.

13.7464, 10.9673,
18.5319

13.7464, 10.9673,
18.5319

209.1898,
197.4431, 256.1883

8.0250, 6.0449,
11.1592

32.2284, 27.5997,
41.7677

4.1629, 2.8724,
6.0585

45.7197, 40.0784,
58.4679

1.7947, 1.0655,
2.8113

62.5318, 55.8447,
79.1142

0.5145, 0.0000,
0.9991

83.0298, 75.2829,
104.1254

0.0000, 0.0000,
0.0000

107.5793, 98.7774,
133.9198

136.5456,

126.7127, 168.9161

170.2939,
159.4731, 209.5327

■ 13.7464, 10.9673,
18.5319

■ 13.7464, 10.9673,
18.5319

■ 12.9331, 9.3695,
18.1716

■ 14.7148, 12.8748,
18.9444

■ 12.2657, 8.0636,
17.8601

■ 15.8448, 15.1056,
19.4110

■ 11.7357, 7.0324,
17.5947

■ 17.1438, 17.6744,
19.9342

■ 11.3332, 6.2560,
17.3720

■ 18.6184, 20.5943,
20.5162

■ 11.0470, 5.7122,
17.1885

■ 20.2750, 23.8779,
21.1592

■ 10.8634, 5.3736,
17.0394

■ 22.1194, 27.5373,
21.8651

■ 10.7572, 5.1817,
16.9406

■ 24.1574, 31.5837,
22.6358

■ 26.3945, 36.0280,
23.4731

■ 28.8358, 40.8809,
24.3789

Harmonies

Analogous

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



12.1401, 10.9673, 23.7391



13.7464, 10.9673, 18.5319



14.4582, 10.9673, 12.5192

Triad

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



13.7464, 10.9673, 18.5319



10.6239, 10.9673, 4.3095



7.5246, 10.9673, 17.2429

Complementary

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



13.7464, 10.9673, 18.5319



11.3907, 15.4935, 10.1754

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.



7.2202, 10.9673, 11.3819



13.7464, 10.9673, 18.5319



8.8779, 10.9673, 4.8905

Square

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



13.7464, 10.9673, 18.5319



12.5247, 10.9673, 5.2108



7.6855, 10.9673, 7.1345



8.5726, 10.9673, 22.8514

Rectangle

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



13.7464, 10.9673, 18.5319



14.2732, 10.9673, 9.1900



7.6855, 10.9673, 7.1345



7.3378, 10.9673, 15.1938

Sweetspot

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



13.7467, 10.9678, 18.5321



28.9298, 28.1495, 34.9855



9.5624, 8.8038, 18.6482



6.7959, 6.5521, 8.2668



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.



13.7467, 10.9678, 18.5321



23.5375, 17.5198, 32.7105



12.7218, 10.5578, 13.1346



3.8228, 3.7564, 4.5935



11.4283, 5.5050, 17.9954



55.6406, 26.8063, 87.4255

Inverse Universe

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



13.7467, 10.9678, 18.5321



23.5375, 17.5198, 32.7105



12.2130, 15.8224, 14.5055



3.8228, 3.7564, 4.5935



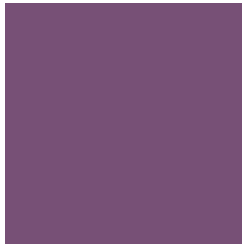
11.4283, 5.5050, 17.9954



55.6406, 26.8063, 87.4255

Previews

White Background



This preview shows how the XYZ color 13.7464, 10.9673, 18.5319 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

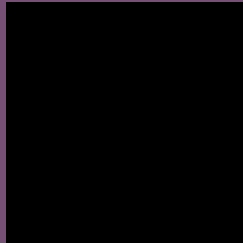
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 13.7464, 10.9673, 18.5319

Background



This preview shows how black text looks on a background with the XYZ color 13.7464, 10.9673, 18.5319.



This preview shows how white text looks on a background with the XYZ color 13.7464, 10.9673,

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

13.7464, 10.9673, 18.5319

Protanopia

11.2252, 11.0256, 21.6152

Deuteranopia

11.2939, 11.1394, 18.0779



Tritanopia

12.3827, 10.9827, 11.5924

Trichromacy



Original Color

13.7464, 10.9673, 18.5319

Protanomaly

11.9517, 10.9215, 20.5469

Deuteranomaly

12.0674, 11.0305, 18.3227

Tritanomaly

12.7783, 10.9080, 13.7439

Monochromacy



Original Color

13.7464, 10.9673, 18.5319

Achromatopsia

11.1181, 11.6971, 12.7381

Achromatomaly

11.8638, 11.2549, 14.6438

CSS Examples

Text

The CSS property to change the color of the text to XYZ 13.7464, 10.9673, 18.5319 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(119, 80, 118)` looks like.

```
.text, #text, p{  
    color:rgb(119, 80, 118)  
}
```

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(119, 80, 118) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(119, 80, 118) }
```

Border

The CSS property to change the border of an element to XYZ 13.7464, 10.9673, 18.5319 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(119, 80, 118) }
```


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

```
.border{ border-color:rgb(119, 80, 118) }
```

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

Here you see how a box with a 4 pixel `rgb(119, 80, 118)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(119, 80, 118); -webkit-box-  
shadow:4px 4px 4px 4px rgb(119, 80, 118);  
box-shadow:4px 4px 4px 4px rgb(119, 80,  
118) }
```

Background

The CSS property to change the background color of an element to XYZ 13.7464, 10.9673, 18.5319 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(119, 80, 118) }
```

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

```
.background{ background-color: rgb(119, 80,  
118) }
```

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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