

Converting Colors

XYZ(14.0057, 13.7356, 15.5477)

Have a look what the booklet for
XYZ(14.0057, 13.7356, 15.5477)
contains.

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Color

**XYZ(13.9687, 13.6657,
15.5372)**

Conversions

Conversions Part 1

Format	Color
Hex	71646A
RGB	113, 100, 106
RGB Percent	44%, 39%, 42%
CMY	0.5569, 0.6078, 0.5843
CMYK	0.00, 0.12, 0.06, 0.56
HSL	332°, 6%, 42%
HSV	332°, 12%, 44%
XYZ	13.9687, 13.6657, 15.5372
YIQ	104.5710, 5.8220, 4.6220

Conversions

Conversions Part 2

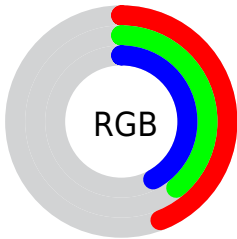
Format	Color
R_{YB}	113, 100, 106
Decimal	7431274
CIE Lab	43.75, 6.32, -1.50
CIE LCh	44, 6.494, 346.685
Yxy	13.6657, 0.3236, 0.3165
Android (android.graphics.Color)	4285621354 (0xFF71646A)
YUV	104.5710, 0.7045, 7.3922
Hunter-Lab	36.9671, 2.7569, 0.9576

Details

The XYZ color **13.9687, 13.6657, 15.5372** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **13.8150, 15.5813, 16.1900**, and the grayscale version is **13.3088, 14.0019, 15.2481**.

A 20% lighter version of the original color is **32.6695, 32.5669, 36.4625**, and **4.2425, 3.9858, 4.6834** is the 20% darker color. If you saturate the color by 10%, you get **12.6539, 11.5246, 13.5927**, and if you desaturate by 10%, it is **15.4571, 16.1177, 17.6508**.

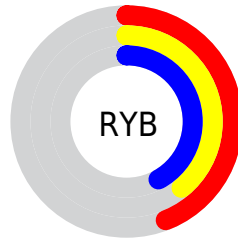
Distribution



Red (44%)

Green (39%)

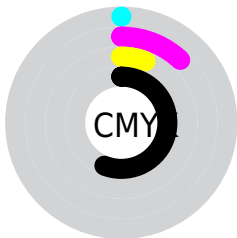
Blue (42%)



Red (44%)

Yellow (39%)

Blue (42%)

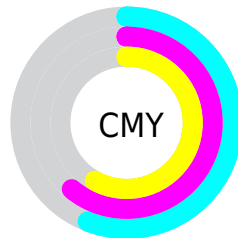


Cyan (0%)

Magenta (12%)

Yellow (6%)

Black (56%)



Cyan (56%)

Magenta (61%)

Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 13.9687, 13.6657, 15.5372 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 13.9687, 13.6657, 15.5372 by changing the saturation by 10% instead.

■ 13.9687, 13.6657,
15.5372

■ 13.9687, 13.6657,
15.5372

210.5505,
215.1411, 238.3469

■ 8.1805, 7.8885,
9.0465

■ 32.6202, 32.4947,
36.5484

■ 4.2634, 4.0237,
4.6743

■ 46.2142, 46.3153,
51.9060

■ 1.8522, 1.6868,
2.0021

■ 63.1408, 63.5858,
71.0562

■ 0.5488, 0.4151,
0.5566

■ 83.7654, 84.6906,
94.4177

■ 0.0000, 0.0000,
0.0000

108.4533,
110.0142, 122.4090

137.5699,

139.9408, 155.4486

171.4805,
174.8550, 193.9550

■ 13.9687, 13.6657,
15.5372

■ 13.9687, 13.6657,
15.5372

■ 12.6539, 11.5246,
13.5927

■ 15.4571, 16.1177,
17.6508

■ 11.5050, 9.6802,
11.8118

■ 17.1241, 18.8905,
19.9368

■ 10.5152, 8.1196,
10.1901

■ 18.9762, 21.9959,
22.3996

■ 9.6770, 6.8284,
8.7228

■ 21.0188, 25.4446,
25.0433

■ 8.9821, 5.7912,
7.4044

■ 23.2576, 29.2467,
27.8717

8.4214, 4.9905,
6.2294

25.6975, 33.4118,
30.8885

7.9849, 4.4069,
5.1916

28.3437, 37.9494,
34.0972

7.6607, 4.0178,
4.2843

31.2009, 42.8685,
37.5015

7.4332, 3.7600,
3.6000

34.2737, 48.1777,
41.1046

Harmonies

Analogous

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



13.7170, 13.6657, 16.8949



13.9687, 13.6657, 15.5372



13.9530, 13.6657, 14.0862

Triad

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



13.9687, 13.6657, 15.5372



12.7088, 13.6657, 12.3435



12.3263, 13.6657, 17.0225

Complementary

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



13.9687, 13.6657, 15.5372



13.8150, 15.5813, 16.1900

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.



12.0701, 13.6657, 15.7023



13.9687, 13.6657, 15.5372



12.2869, 13.6657, 13.0314

Square

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



13.9687, 13.6657, 15.5372



13.2165, 13.6657, 12.3057



12.0559, 13.6657, 14.2409



12.7638, 13.6657, 17.7896

Rectangle

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



13.9687, 13.6657, 15.5372



13.7929, 13.6657, 13.2609



12.0559, 13.6657, 14.2409



12.2167, 13.6657, 16.6249

Sweetspot

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



13.9691, 13.6663, 15.5375



27.2371, 28.1309, 30.9892



13.5937, 13.4290, 17.4984



6.2543, 6.4319, 7.1040



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.



13.9691, 13.6663, 15.5375



24.3065, 23.3144, 26.7917



13.7096, 13.6292, 13.9655



3.4426, 3.4247, 3.8573



8.4219, 4.2611, 4.0317



41.5268, 21.0560, 17.8380

Inverse Universe

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



13.9691, 13.6663, 15.5375



24.3065, 23.3144, 26.7917



14.0934, 15.6156, 17.8941



3.4426, 3.4247, 3.8573



8.4219, 4.2611, 4.0317



41.5268, 21.0560, 17.8380

Previews

White Background



This preview shows how the XYZ color 13.9687, 13.6657, 15.5372 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 13.9687, 13.6657, 15.5372 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

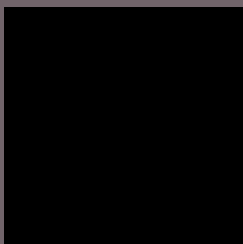
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

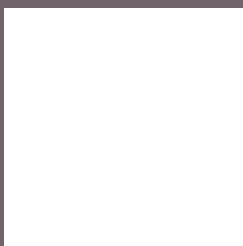
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 13.9687, 13.6657, 15.5372

Background



This preview shows how black text looks on a background with the XYZ color 13.9687, 13.6657, 15.5372.



This preview shows how white text looks on a background with the XYZ color 13.9687, 13.6657,

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

13.9687, 13.6657, 15.5372

Protanopia

13.2659, 13.7263, 16.1376

Deuteranopia

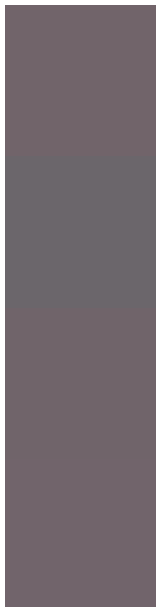
13.8408, 13.5997, 15.5312



Tritanopia

14.0740, 13.7078, 16.0914

Trichromacy



Original Color

13.9687, 13.6657, 15.5372

Protanomaly

13.4686, 13.6901, 15.8425

Deuteranomaly

13.8408, 13.5997, 15.5312

Tritanomaly

14.0211, 13.6866, 15.8127

Monochromacy



Original Color

13.9687, 13.6657, 15.5372

Achromatopsia

13.4271, 14.1263, 15.3836

Achromatomaly

13.5844, 13.9086, 15.3332

CSS Examples

Text

The CSS property to change the color of the text to XYZ 13.9687, 13.6657, 15.5372 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(113, 100, 106)` looks like.

```
.text, #text, p{  
    color:rgb(113, 100, 106)  
}
```

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(113, 100, 106) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(113, 100, 106) }
```

Border

The CSS property to change the border of an element to XYZ 13.9687, 13.6657, 15.5372 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(113, 100, 106) }
```


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

```
.border{ border-color:rgb(113, 100, 106) }
```

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

Here you see how a box with a 4 pixel `rgb(113, 100, 106)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(113, 100, 106); -webkit-box-  
shadow:4px 4px 4px 4px rgb(113, 100, 106);  
box-shadow:4px 4px 4px 4px rgb(113, 100,  
106) }
```

Background

The CSS property to change the background color of an element to XYZ 13.9687, 13.6657, 15.5372 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(113, 100, 106) }
```

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

```
.background{ background-color: rgb(113,  
100, 106) }
```

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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