

Converting Colors

XYZ(13.0187, 12.9775, 15.0569)

Have a look what the booklet for
XYZ(13.0187, 12.9775, 15.0569)
contains.

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Color

**XYZ(13.0750, 13.0694,
15.1981)**

Conversions

Conversions Part 1

Format	Color
Hex	6B6369
RGB	107, 99, 105
RGB Percent	42%, 39%, 41%
CMY	0.5804, 0.6118, 0.5882
CMYK	0.00, 0.07, 0.02, 0.58
HSL	315°, 4%, 40%
HSV	315°, 7%, 42%
XYZ	13.0750, 13.0694, 15.1981
YIQ	102.0760, 2.8420, 3.5620

Conversions

Conversions Part 2

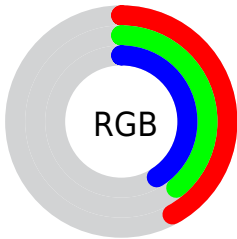
Format	Color
R _Y B	107, 99, 105
Decimal	7037801
CIE Lab	42.87, 4.37, -2.25
CIE LCh	43, 4.915, 332.752
Yxy	13.0694, 0.3163, 0.3161
Android (android.graphics.Color)	4285227881 (0xFF6B6369)
YUV	102.0760, 1.4415, 4.3183
Hunter-Lab	36.1516, 1.2930, 0.3807

Details

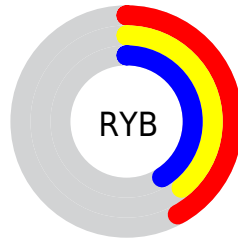
The XYZ color **13.0750, 13.0694, 15.1981** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **12.7527, 14.1079, 14.3635**, and the grayscale version is **12.6453, 13.3038, 14.4879**.

A 20% lighter version of the original color is **31.0076, 31.4821, 35.8949**, and **3.9003, 3.8124, 4.5333** is the 20% darker color. If you saturate the color by 10%, you get **11.9925, 11.1209, 14.1696**, and if you desaturate by 10%, it is **14.2969, 15.2895, 16.2947**.

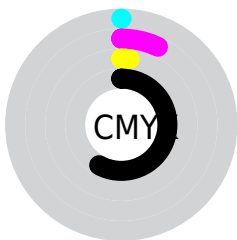
Distribution



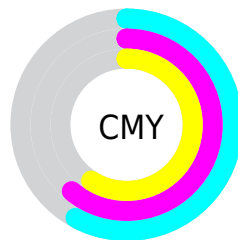
- Red (42%)
- Green (39%)
- Blue (41%)



- Red (42%)
- Yellow (39%)
- Blue (41%)



- Cyan (0%)
- Magenta (7%)
- Yellow (2%)
- Black (58%)



- Cyan (58%)
- Magenta (61%)
- Yellow (59%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 13.0750, 13.0694, 15.1981 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 13.0750, 13.0694, 15.1981 by changing the saturation by 10% instead.

■ 13.0750, 13.0694,
15.1981

■ 13.0750, 13.0694,
15.1981

205.0257,
211.3620, 236.2441

■ 7.5576, 7.4764,
8.8104

■ 31.0386, 31.4284,
35.9475

■ 3.8626, 3.7618,
4.5226

■ 44.2155, 44.9632,
51.1463

■ 1.6247, 1.5412,
1.9162

■ 60.6763, 61.9139,
70.1192

■ 0.4084, 0.3175,
0.5030

■ 80.7863, 82.6651,
93.2847

■ 0.0000, 0.0000,
0.0000

104.9109,
107.6011, 121.0615

133.4154,

137.1063, 153.8679

166.6652,
171.5652, 192.1226

■ 13.0750, 13.0694,
15.1981

■ 13.0750, 13.0694,
15.1981

■ 11.9925, 11.1209,
14.1696

■ 14.2969, 15.2895,
16.2947

■ 11.0430, 9.4317,
13.2064

■ 15.6621, 17.7893,
17.4605

■ 10.2213, 7.9912,
12.3068

■ 17.1757, 20.5789,
18.6975

■ 9.5213, 6.7874,
11.4685

■ 18.8422, 23.6672,
20.0074

■ 8.9365, 5.8073,
10.6892

■ 20.6660, 27.0629,
21.3918

■ 8.4597, 5.0367,
9.9662

■ 22.6511, 30.7741,
22.8522

■ 8.0829, 4.4596,
9.2967

■ 24.8016, 34.8088,
24.3903

■ 7.7971, 4.0579,
8.6775

■ 27.1214, 39.1747,
26.0074

■ 7.5751, 3.7774,
8.0993

■ 29.6142, 43.8790,
27.7049

Harmonies

Analogous

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



12.8167, 13.0694, 16.0410



13.0750, 13.0694, 15.1981



13.1572, 13.0694, 14.1313

Triad

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



13.0750, 13.0694, 15.1981



12.3874, 13.0694, 12.2635



11.8248, 13.0694, 15.3785

Complementary

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



13.0750, 13.0694, 15.1981



12.7527, 14.1079, 14.3635

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.



11.7148, 13.0694, 14.3299



13.0750, 13.0694, 15.1981



12.0356, 13.0694, 12.5614

Square

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



13.0750, 13.0694, 15.1981



12.7555, 13.0694, 12.4703



11.7913, 13.0694, 13.3046



12.0945, 13.0694, 16.1487

Rectangle

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



13.0750, 13.0694, 15.1981



13.0998, 13.0694, 13.4456



11.7913, 13.0694, 13.3046



11.7681, 13.0694, 15.0450

Sweetspot

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



13.0754, 13.0700, 15.1984



24.5668, 25.4955, 28.2631



12.4830, 12.7526, 15.7135



5.9551, 6.1871, 6.8488



54.2243, 57.0482, 62.1254



6.0569, 6.3724, 6.9395

Same Dimension

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



13.0754, 13.0700, 15.1984



23.0502, 22.7474, 26.8781



12.8746, 12.9897, 14.1412



3.1868, 3.1516, 3.7142



9.1368, 4.5068, 9.6147



46.1955, 22.8202, 47.0939

Inverse Universe

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



13.0754, 13.0700, 15.1984



23.0502, 22.7474, 26.8781



12.9535, 14.1882, 15.4207



3.1868, 3.1516, 3.7142



9.1368, 4.5068, 9.6147



46.1955, 22.8202, 47.0939

Previews

White Background



This preview shows how the XYZ color 13.0750, 13.0694, 15.1981 looks on a white background.

Color Contrast Check

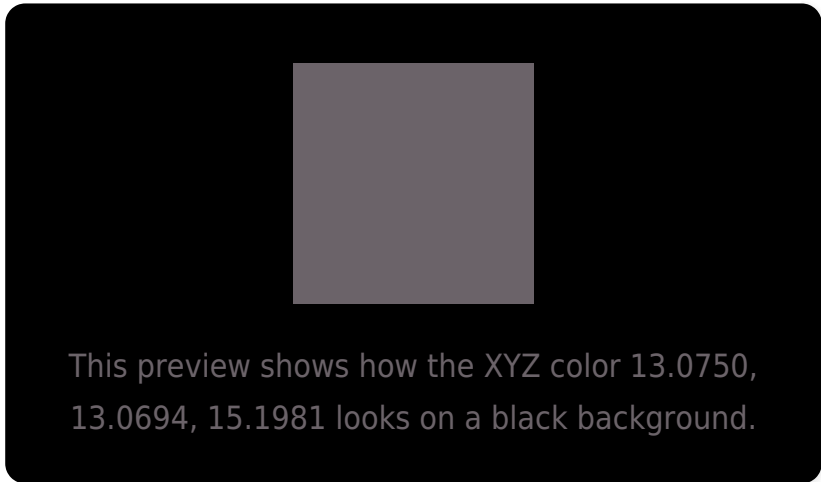
Large Text (above 18pt) WCAG AA ✓ Pass

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 13.0750, 13.0694, 15.1981

Background



This preview shows how black text looks on a background with the XYZ color 13.0750, 13.0694, 15.1981.

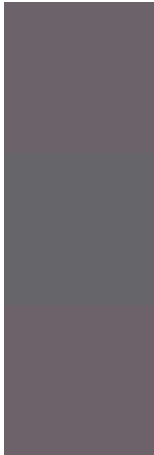


This preview shows how white text looks on a background with the XYZ color 13.0750, 13.0694,

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

13.0750, 13.0694, 15.1981

Protanopia

12.7347, 13.1727, 15.5071

Deuteranopia

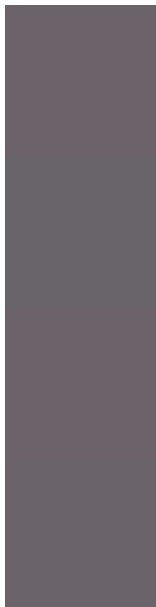
13.2242, 13.0065, 15.1781



Tritanopia

13.1791, 13.1110, 15.7460

Trichromacy



Original Color

13.0750, 13.0694, 15.1981

Protanomaly

12.8676, 13.0980, 15.4856

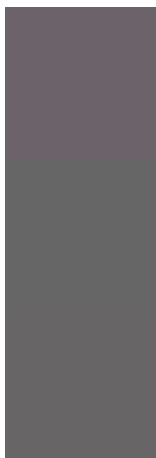
Deuteranomaly

13.1018, 12.9434, 15.1724

Tritanomaly

13.1268, 13.0901, 15.4705

Monochromacy



Original Color

13.0750, 13.0694, 15.1981

Achromatopsia

12.6291, 13.2868, 14.4694

Achromatomaly

12.8108, 13.2297, 14.7103

CSS Examples

Text

The CSS property to change the color of the text to XYZ 13.0750, 13.0694, 15.1981 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(107, 99, 105)` looks like.

```
.text, #text, p{  
    color:rgb(107, 99, 105)  
}
```

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(107, 99, 105) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(107, 99, 105) }
```

Border

The CSS property to change the border of an element to XYZ 13.0750, 13.0694, 15.1981 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(107, 99, 105) }
```


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

```
.border{ border-color:rgb(107, 99, 105) }
```

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

Here you see how a box with a 4 pixel `rgb(107, 99, 105)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(107, 99, 105); -webkit-box-  
shadow:4px 4px 4px 4px rgb(107, 99, 105);  
box-shadow:4px 4px 4px 4px rgb(107, 99,  
105) }
```

Background

The CSS property to change the background color of an element to XYZ 13.0750, 13.0694, 15.1981 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(107, 99, 105) }
```

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

```
.background{ background-color: rgb(107, 99,  
105) }
```

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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