

Converting Colors

XYZ(13.3652, 14.4628, 12.9628)

Have a look what the booklet for
XYZ(13.3652, 14.4628, 12.9628)
contains.

XYZ(13.3867, 14.4674, 12.9134)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(13.3867, 14.4674,
12.9134)**

Conversions

Conversions Part 1

Format	Color
Hex	6B6B5F
RGB	107, 107, 95
RGB Percent	42%, 42%, 37%
CMY	0.5804, 0.5804, 0.6274
CMYK	0.00, 0.00, 0.11, 0.58
HSL	60°, 6%, 40%
HSV	60°, 11%, 42%
XYZ	13.3867, 14.4674, 12.9134
YIQ	105.6320, 3.8520, -3.7320

Conversions

Conversions Part 2

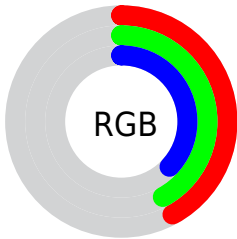
Format	Color
R _Y B	95, 107, 95
Decimal	7039839
CIE Lab	44.90, -2.34, 6.73
CIE LCh	45, 7.124, 109.155
Yxy	14.4674, 0.3284, 0.3549
Android (android.graphics.Color)	4285229919 (0xFF6B6B5F)
YUV	105.6320, -5.2416, 1.1997
Hunter-Lab	38.0360, -3.7404, 6.4960

Details

The XYZ color **13.3867, 14.4674, 12.9134** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **11.4658, 11.6792, 15.5606**, and the grayscale version is **13.6124, 14.3214, 15.5960**.

A 20% lighter version of the original color is **31.4382, 33.7672, 31.6488**, and **4.0337, 4.4141, 3.5451** is the 20% darker color. If you saturate the color by 10%, you get **12.9334, 14.2865, 10.5253**, and if you desaturate by 10%, it is **13.9077, 14.6763, 15.6541**.

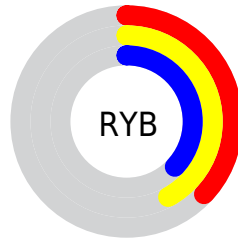
Distribution



Red (42%)

Green (42%)

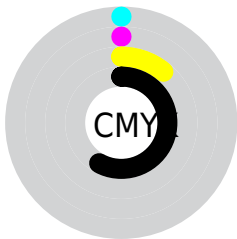
Blue (37%)



Red (37%)

Yellow (42%)

Blue (37%)

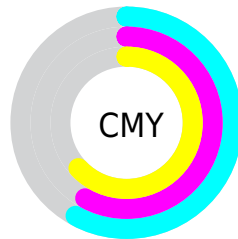


Cyan (0%)

Magenta (0%)

Yellow (11%)

Black (58%)



Cyan (58%)

Magenta (58%)

Yellow (63%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 13.3867, 14.4674, 12.9134 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 13.3867, 14.4674, 12.9134 by changing the saturation by 10% instead.

■ 13.3867, 14.4674,
12.9134

■ 13.3867, 14.4674,
12.9134

206.9692,
220.1195, 221.5502

■ 7.7742, 8.4465,
7.2389

■ 31.5922, 33.9161,
31.8370

■ 4.0014, 4.3819,
3.5313

■ 44.9159, 48.1126,
45.9232

■ 1.7029, 1.8894,
1.3719

■ 61.5408, 65.8032,
63.6504

■ 0.4581, 0.5420,
0.1196

■ 81.8321, 87.3721,
85.4372

■ 0.0000, 0.0000,
0.0000

106.1552,
113.2038, 111.7020

134.8756,

143.6826, 142.8634

168.3585,
179.1931, 179.3400

■ 13.3867, 14.4674,
12.9134

■ 13.3867, 14.4674,
12.9134

■ 12.9334, 14.2865,
10.5253

■ 13.9077, 14.6763,
15.6541

■ 12.5438, 14.1307,
8.4746

■ 14.4976, 14.9123,
18.7599

■ 12.2154, 13.9993,
6.7463

■ 15.1594, 15.1770,
22.2439

■ 11.9452, 13.8912,
5.3241

■ 15.8953, 15.4714,
26.1181

■ 11.7297, 13.8050,
4.1902

■ 16.7075, 15.7963,
30.3942

■ 11.5652, 13.7392,
3.3249

■ 17.5981, 16.1525,
35.0833

■ 11.4475, 13.6921,
2.7059

■ 18.5691, 16.5410,
40.1960

■ 11.3717, 13.6617,
2.3075

■ 19.6226, 16.9624,
45.7426

■ 11.3200, 13.6410,
2.0364

■ 20.7604, 17.4175,
51.7331

Harmonies

Analogous

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



13.9626, 14.4674, 12.8083



13.3867, 14.4674, 12.9134



12.9211, 14.4674, 13.7470

Triad

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



13.3867, 14.4674, 12.9134



13.0315, 14.4674, 18.3050



14.8801, 14.4674, 16.3636

Complementary

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



13.3867, 14.4674, 12.9134



11.4658, 11.6792, 15.5606

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.



14.6154, 14.4674, 17.9442



13.3867, 14.4674, 12.9134



13.5412, 14.4674, 19.1165

Square

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



13.3867, 14.4674, 12.9134



12.7200, 14.4674, 16.8283



14.1215, 14.4674, 18.9800



14.8359, 14.4674, 14.7236

Rectangle

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



13.3867, 14.4674, 12.9134



12.7308, 14.4674, 14.6388



14.1215, 14.4674, 18.9800



14.8240, 14.4674, 16.9214

Sweetspot

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



13.3871, 14.4680, 12.9137



24.7189, 26.2052, 27.0637



12.2216, 12.1368, 12.5252



5.9668, 6.3363, 6.4648



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.



13.3871, 14.4680, 12.9137



23.7856, 25.8319, 22.1505



12.6906, 14.1090, 12.8811



3.3331, 3.5835, 3.3335



13.7708, 16.5943, 2.4772



70.1674, 84.5547, 12.6225

Inverse Universe

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



11.4658, 11.6792, 15.5606



19.7426, 19.9632, 27.7204



12.1133, 12.0130, 15.5909



2.9485, 3.0252, 3.8634



3.2287, 1.2915, 17.0014



16.4513, 6.5806, 86.6293

Previews

White Background



This preview shows how the XYZ color 13.3867, 14.4674, 12.9134 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 13.3867, 14.4674, 12.9134 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

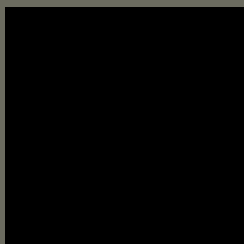
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

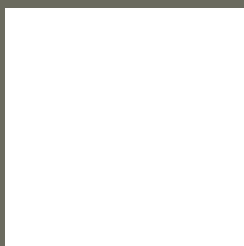
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 13.3867, 14.4674, 12.9134

Background



This preview shows how black text looks on a background with the XYZ color 13.3867, 14.4674, 12.9134.

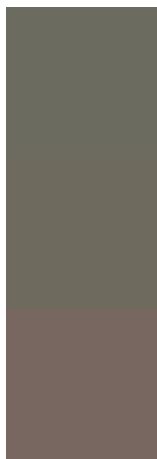


This preview shows how white text looks on a background with the XYZ color 13.3867, 14.4674,

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

13.3867, 14.4674, 12.9134

Protanopia

13.7300, 14.4957, 12.6640

Deuteranopia

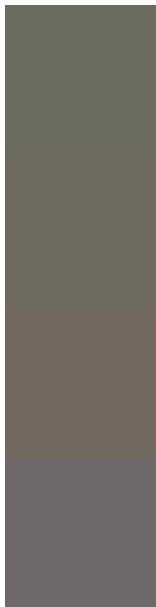
14.6084, 14.3403, 13.0643



Tritanopia

14.3614, 14.4079, 17.6469

Trichromacy



Original Color

13.3867, 14.4674, 12.9134

Protanomaly

13.6048, 14.4312, 12.6581

Deuteranomaly

14.1319, 14.3900, 13.0990

Tritanomaly

13.9598, 14.3950, 15.6784

Monochromacy



Original Color

13.3867, 14.4674, 12.9134

Achromatopsia

13.6994, 14.4128, 15.6956

Achromatomaly

13.4962, 14.3315, 14.6253

CSS Examples

Text

The CSS property to change the color of the text to XYZ 13.3867, 14.4674, 12.9134 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, 107, 95)` looks like.

```
.text, #text, p{  
    color:rgb(107, 107, 95)  
}
```

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, 107, 95) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(107, 107, 95) }
```

Border

The CSS property to change the border of an element to XYZ 13.3867, 14.4674, 12.9134 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, 107, 95) }
```


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

```
.border{ border-color:rgb(107, 107, 95) }
```

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

Here you see how a box with a 4 pixel rgb(107, 107, 95) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(107, 107, 95); -webkit-box-  
shadow:4px 4px 4px 4px rgb(107, 107, 95);  
box-shadow:4px 4px 4px 4px rgb(107, 107,  
95) }
```

Background

The CSS property to change the background color of an element to XYZ 13.3867, 14.4674, 12.9134 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(107, 107, 95) }
```

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

```
.background{ background-color: rgb(107,  
107, 95) }
```

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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