

Converting Colors

XYZ(13.7167, 10.5235, 14.1402)

Have a look what the booklet for
XYZ(13.7167, 10.5235, 14.1402)
contains.

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Color

**XYZ(13.7167, 10.5235,
14.1402)**

Conversions

Conversions Part 1

Format	Color
Hex	7F4B67
RGB	127, 75, 103
RGB Percent	50%, 29%, 40%
CMY	0.5020, 0.7059, 0.5961
CMYK	0.00, 0.41, 0.19, 0.50
HSL	328°, 26%, 40%
HSV	328°, 41%, 50%
XYZ	13.7167, 10.5235, 14.1402
YIQ	93.7400, 22.0040, 19.7320

Conversions

Conversions Part 2

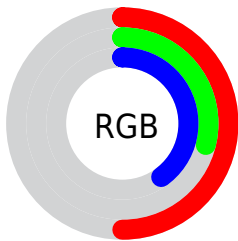
Format	Color
R_{YB}	127, 75, 103
Decimal	8342375
CIE _{Lab}	38.77, 26.20, -6.86
CIE _{LCh}	39, 27.087, 345.336
Yxy	10.5235, 0.3574, 0.2742
Android (android.graphics.Color)	4286532455 (0xFF7F4B67)
YUV	93.7400, 4.5652, 29.1690
Hunter-Lab	32.4399, 18.7059, -3.1359

Details

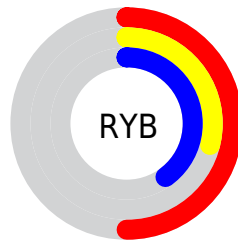
The XYZ color **13.7167, 10.5235, 14.1402** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **12.7437, 17.5758, 14.5262**, and the grayscale version is **10.5642, 11.1144, 12.1036**.

A 20% lighter version of the original color is **32.2224, 26.8241, 34.0511**, and **4.1337, 2.7008, 4.0448** is the 20% darker color. If you saturate the color by 10%, you get **12.6558, 8.8561, 12.3855**, and if you desaturate by 10%, it is **14.9708, 12.5441, 16.0614**.

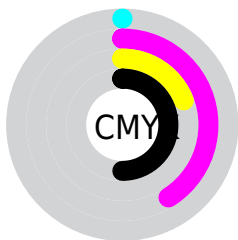
Distribution



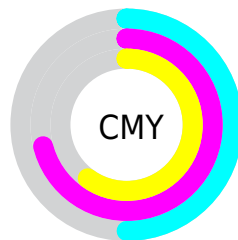
- Red (50%)
- Green (29%)
- Blue (40%)



- Red (50%)
- Yellow (29%)
- Blue (40%)



- Cyan (0%)
- Magenta (41%)
- Yellow (19%)
- Black (50%)



- Cyan (50%)
- Magenta (71%)
- Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 13.7167, 10.5235, 14.1402 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 13.7167, 10.5235, 14.1402 by changing the saturation by 10% instead.

■ 13.7167, 10.5235,
14.1402

■ 13.7167, 10.5235,
14.1402

209.0073,
194.3686, 229.5600

■ 8.0043, 5.7474,
8.0784

■ 32.1760, 26.7756,
34.0583

■ 4.1495, 2.6921,
4.0566

■ 45.6536, 39.0204,
48.7516

■ 1.7871, 0.9732,
1.6565

■ 62.4502, 54.5236,
67.1592

■ 0.5099, 0.0000,
0.3306

■ 82.9313, 73.6695,
89.6996

■ 0.0000, 0.0000,
0.0000

■ 107.4622, 96.8426,
116.7914

136.4083,

124.4272, 148.8530

170.1349,
156.8077, 186.3030

■ 13.7167, 10.5235,
14.1402

■ 13.7167, 10.5235,
14.1402

■ 12.6558, 8.8561,
12.3855

■ 14.9708, 12.5441,
16.0614

■ 11.7765, 7.5196,
10.7909

■ 16.4271, 14.9355,
18.1536

■ 11.0673, 6.4917,
9.3506


■ 18.0951, 17.7158,
20.4222


■ 10.5148, 5.7463,
8.0580


■ 19.9832, 20.9016,
22.8718


■ 10.1036, 5.2534,
6.9055


■ 22.0996, 24.5084,
25.5071

 9.8075, 4.9341,
5.9654

 24.4519, 28.5510,
28.3323

 27.0474, 33.0433,
31.3517

 29.8932, 37.9988,
34.5693

 32.9959, 43.4304,
37.9891

Harmonies

Analogous

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



12.6565, 10.5235, 19.8817



13.7167, 10.5235, 14.1402



13.7038, 10.5235, 9.0431

Triad

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



13.7167, 10.5235, 14.1402



9.1190, 10.5235, 4.3368



7.7719, 10.5235, 20.0001

Complementary

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



13.7167, 10.5235, 14.1402



12.7437, 17.5758, 14.5262

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.



7.0356, 10.5235, 14.2692



13.7167, 10.5235, 14.1402



7.7478, 10.5235, 5.8305

Square

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



13.7167, 10.5235, 14.1402



10.8994, 10.5235, 4.3212



7.0274, 10.5235, 9.1389



9.1557, 10.5235, 23.8903

Rectangle

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



13.7167, 10.5235, 14.1402



13.0822, 10.5235, 6.6490



7.0274, 10.5235, 9.1389



7.4482, 10.5235, 18.1602

Sweetspot

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



13.7170, 10.5240, 14.1404



31.9799, 31.0143, 36.0067



11.4276, 9.1841, 21.2493



7.4117, 7.1347, 8.3288



62.3462, 65.5931, 71.4309



8.4577, 8.8982, 9.6901

Same Dimension

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



13.7170, 10.5240, 14.1404



22.7989, 16.0691, 22.4127



12.6298, 10.0891, 8.4151



4.4170, 4.3799, 5.0004



9.8904, 4.9758, 6.0125



0.0000, 0.0000, 0.0000

Inverse Universe

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



13.7170, 10.5240, 14.1404



22.7989, 16.0691, 22.4127



14.1549, 18.1403, 21.9573



4.4170, 4.3799, 5.0004



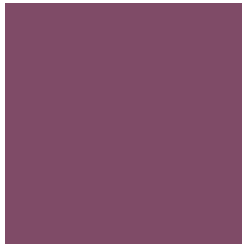
9.8904, 4.9758, 6.0125



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the XYZ color 13.7167, 10.5235, 14.1402 looks on a white background.

Color Contrast Check

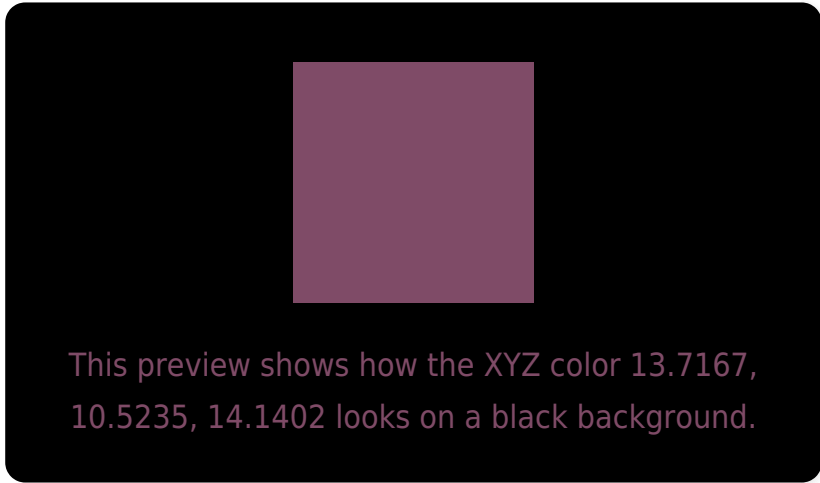
Large Text (above 18pt) WCAG AA ✓ Pass

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

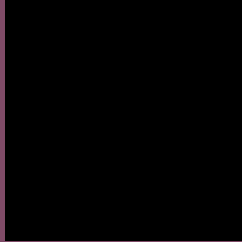
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 13.7167, 10.5235, 14.1402

Background



This preview shows how black text looks on a background with the XYZ color 13.7167, 10.5235, 14.1402.



This preview shows how white text looks on a background with the XYZ color 13.7167, 10.5235,

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

13.7167, 10.5235, 14.1402

Protanopia

10.6161, 10.6755, 17.4206

Deuteranopia

10.8511, 10.6257, 13.7910



Tritanopia

12.8537, 10.5920, 9.7545

Trichromacy



Original Color

13.7167, 10.5235, 14.1402

Protanomaly

11.4298, 10.3895, 16.1548

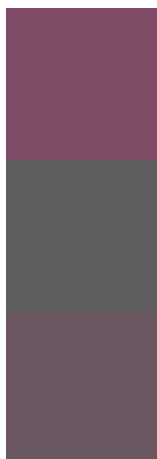
Deuteranomaly

11.7529, 10.4881, 13.9753

Tritanomaly

13.2169, 10.6397, 11.2546

Monochromacy



Original Color

13.7167, 10.5235, 14.1402

Achromatopsia

10.6392, 11.1932, 12.1894

Achromatomaly

11.5097, 10.7436, 12.7764

CSS Examples

Text

The CSS property to change the color of the text to XYZ 13.7167, 10.5235, 14.1402 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(127, 75, 103)` looks like.

```
.text, #text, p{  
    color:rgb(127, 75, 103)  
}
```

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(127, 75, 103) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(127, 75, 103) }
```

Border

The CSS property to change the border of an element to XYZ 13.7167, 10.5235, 14.1402 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(127, 75, 103) }
```


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

```
.border{ border-color:rgb(127, 75, 103) }
```

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

Here you see how a box with a 4 pixel `rgb(127, 75, 103)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(127, 75, 103); -webkit-box-  
shadow:4px 4px 4px 4px rgb(127, 75, 103);  
box-shadow:4px 4px 4px 4px rgb(127, 75,  
103) }
```

Background

The CSS property to change the background color of an element to XYZ 13.7167, 10.5235, 14.1402 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(127, 75, 103) }
```

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

```
.background{ background-color: rgb(127, 75,  
103) }
```

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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