

Converting Colors

XYZ(14.3619, 10.4024, 14.3998)

Have a look what the booklet for
XYZ(14.3619, 10.4024, 14.3998)
contains.

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Color

**XYZ(14.3617, 10.3663,
14.3407)**

Conversions

Conversions Part 1

Format	Color
Hex	854668
RGB	133, 70, 104
RGB Percent	52%, 27%, 41%
CMY	0.4784, 0.7255, 0.5922
CMYK	0.00, 0.47, 0.22, 0.48
HSL	328°, 31%, 40%
HSV	328°, 47%, 52%
XYZ	14.3617, 10.3663, 14.3407
YIQ	92.7130, 26.6340, 23.9300

Conversions

Conversions Part 2

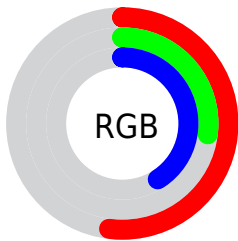
Format	Color
RYB	133, 70, 104
Decimal	8734312
CIELab	38.49, 31.43, -7.81
CIElCh	38, 32.389, 346.054
Yxy	10.3663, 0.3676, 0.2653
Android (android.graphics.Color)	4286924392 (0xFF854668)
YUV	92.7130, 5.5645, 35.3317
Hunter-Lab	32.1967, 23.2775, -3.8706

Details

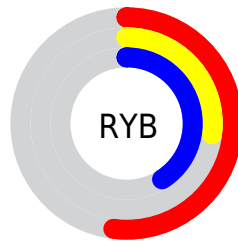
The XYZ color **14.3617, 10.3663, 14.3407** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **13.1659, 18.9783, 14.7744**, and the grayscale version is **10.3210, 10.8585, 11.8249**.

A 20% lighter version of the original color is **33.3719, 26.4909, 34.3647**, and **4.4188, 2.6186, 4.1434** is the 20% darker color. If you saturate the color by 10%, you get **13.3203, 8.7631, 12.5145**, and if you desaturate by 10%, it is **15.6106, 12.3481, 16.3477**.

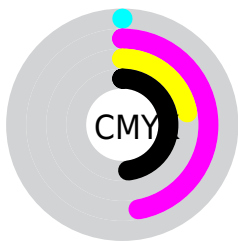
Distribution



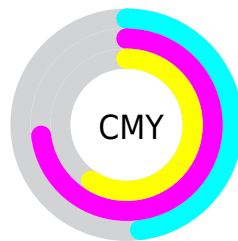
- Red (52%)
- Green (27%)
- Blue (41%)



- Red (52%)
- Yellow (27%)
- Blue (41%)



- Cyan (0%)
- Magenta (47%)
- Yellow (22%)
- Black (48%)





- Cyan (48%)
- Magenta (73%)
- Yellow (59%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 14.3617, 10.3663, 14.3407 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 14.3617, 10.3663, 14.3407 by changing the saturation by 10% instead.


 14.3617, 10.3663,
14.3407


 14.3617, 10.3663,
14.3407


212.9354,
193.2668, 230.8418

 8.4560, 5.6425,
8.2166


 33.3104, 26.4822,
34.4181


 4.4424, 2.6289,
4.1441


 47.0841, 38.6431,
49.2085


 1.9553, 0.9412,
1.7047

 64.2112, 54.0519,
67.7247

 0.6087, 0.0000,
0.3640

 85.0571, 73.0928,
90.3852

 0.0000, 0.0000,
0.0000

 109.9871, 96.1504,
117.6087

139.3666,

123.6090, 149.8136

173.5609,
155.8530, 187.4184

■ 14.3617, 10.3663,
14.3407

■ 14.3617, 10.3663,
14.3407

■ 13.3203, 8.7631,
12.5145

■ 15.6106, 12.3481,
16.3477

■ 12.4726, 7.5122,
10.8619

■ 17.0777, 14.7295,
18.5410

■ 11.8048, 6.5863,
9.3759

■ 18.7741, 17.5319,
20.9266

■ 11.3003, 5.9534,
8.0485

■ 20.7098, 20.7745,
23.5101

■ 10.9265, 5.5488,
6.8662

■ 22.8941, 24.4754,
26.2966

■ 10.8353, 5.4515,
6.5738

■ 25.3360, 28.6518,
29.2912

■ 28.0438, 33.3199,
32.4986

■ 31.0257, 38.4950,
35.9235

■ 34.2892, 44.1920,
39.5704

Harmonies

Analogous

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



13.0885, 10.3663, 21.4808



14.3617, 10.3663, 14.3407



14.3119, 10.3663, 8.3570

Triad

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



14.3617, 10.3663, 14.3407



8.7681, 10.3663, 3.3752



7.2863, 10.3663, 21.9505

Complementary

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



14.3617, 10.3663, 14.3407



13.1659, 18.9783, 14.7744

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.



6.4320, 10.3663, 14.8328



14.3617, 10.3663, 14.3407



7.1999, 10.3663, 4.9697

Square

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



14.3617, 10.3663, 14.3407



10.8682, 10.3663, 3.3257



6.4028, 10.3663, 8.7011



8.9028, 10.3663, 26.8295

Rectangle

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



14.3617, 10.3663, 14.3407



13.5291, 10.3663, 5.7165



6.4028, 10.3663, 8.7011



6.9113, 10.3663, 19.6456

Sweetspot

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



14.3620, 10.3668, 14.3409



34.6309, 33.0807, 38.8473



11.4991, 8.6905, 23.2618



7.6622, 7.2194, 8.5626



64.0503, 67.3860, 73.3833



8.9945, 9.4630, 10.3052

Same Dimension

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



14.3620, 10.3668, 14.3409



23.6984, 15.4588, 22.1229



13.0710, 9.8504, 7.5424



4.7698, 4.7276, 5.4002



10.3249, 5.1943, 6.2832



0.0395, 0.0195, 0.0412

Inverse Universe

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



14.3620, 10.3668, 14.3409



23.6984, 15.4588, 22.1229



14.9328, 19.6851, 24.0791



4.7698, 4.7276, 5.4002



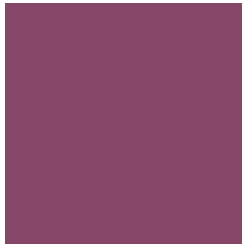
10.3249, 5.1943, 6.2832



0.0395, 0.0195, 0.0412

Previews

White Background



This preview shows how the XYZ color 14.3617, 10.3663, 14.3407 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 14.3617, 10.3663, 14.3407 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

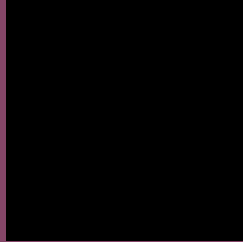
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 14.3617, 10.3663, 14.3407

Background



This preview shows how black text looks on a background with the XYZ color 14.3617, 10.3663, 14.3407.

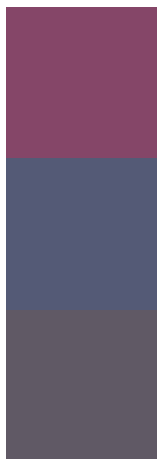


This preview shows how white text looks on a background with the XYZ color 14.3617, 10.3663,

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

14.3617, 10.3663, 14.3407

Protanopia

10.5823, 10.5052, 18.6095

Deuteranopia

10.7452, 10.5711, 13.7860



Tritanopia

13.3241, 10.4366, 8.9016

Trichromacy



Original Color

14.3617, 10.3663, 14.3407

Protanomaly

11.5534, 10.2035, 16.9833

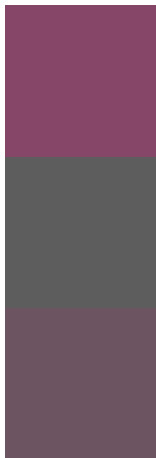
Deuteranomaly

11.7222, 10.2451, 13.9300

Tritanomaly

13.7014, 10.3919, 10.7349

Monochromacy



Original Color

14.3617, 10.3663, 14.3407

Achromatopsia

10.4043, 10.9462, 11.9204

Achromatomaly

11.5905, 10.5482, 12.7344

CSS Examples

Text

The CSS property to change the color of the text to XYZ 14.3617, 10.3663, 14.3407 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(133, 70, 104)` looks like.

```
.text, #text, p{  
    color:rgb(133, 70, 104)  
}
```

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(133, 70, 104) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(133, 70, 104) }
```

Border

The CSS property to change the border of an element to XYZ 14.3617, 10.3663, 14.3407 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(133, 70, 104) }
```


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

```
.border{ border-color:rgb(133, 70, 104) }
```

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

Here you see how a box with a 4 pixel `rgb(133, 70, 104)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(133, 70, 104); -webkit-box-  
shadow:4px 4px 4px 4px rgb(133, 70, 104);  
box-shadow:4px 4px 4px 4px rgb(133, 70,  
104) }
```

Background

The CSS property to change the background color of an element to XYZ 14.3617, 10.3663, 14.3407 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(133, 70, 104) }
```

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

```
.background{ background-color: rgb(133, 70,  
104) }
```

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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