

Converting Colors

XYZ(10.4083, 8.8327, 15.3546)

Have a look what the booklet for
XYZ(10.4083, 8.8327, 15.3546)
contains.

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Color

**XYZ(10.3684, 8.7675,
15.3332)**

Conversions

Conversions Part 1

Format	Color
Hex	634B6C
RGB	99, 75, 108
RGB Percent	39%, 29%, 42%
CMY	0.6118, 0.7059, 0.5765
CMYK	0.08, 0.31, 0.00, 0.58
HSL	284°, 18%, 36%
HSV	284°, 31%, 42%
XYZ	10.3684, 8.7675, 15.3332
YIQ	85.9380, 3.7110, 15.3510

Conversions

Conversions Part 2

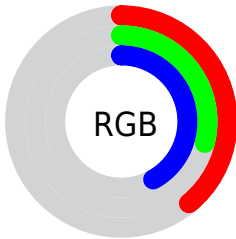
Format	Color
RYB	99, 75, 108
Decimal	6507372
CIELab	35.53, 16.78, -15.20
CIELCh	36, 22.645, 317.826
Yxy	8.7675, 0.3008, 0.2544
Android (android.graphics.Color)	4284697452 (0xFF634B6C)
YUV	85.9380, 10.8766, 11.4554
Hunter-Lab	29.6100, 10.6872, -9.9757

Details

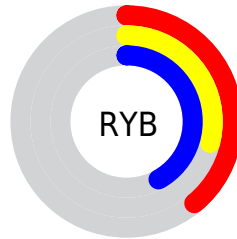
The XYZ color **10.3684, 8.7675, 15.3332** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **10.2891, 13.1182, 8.6468**, and the grayscale version is **8.8096, 9.2683, 10.0932**.

A 20% lighter version of the original color is **26.1305, 23.4374, 36.4043**, and **2.7218, 2.0363, 4.5246** is the 20% darker color. If you saturate the color by 10%, you get **9.3813, 7.2621, 15.0948**, and if you desaturate by 10%, it is **11.4922, 10.5284, 15.6140**.

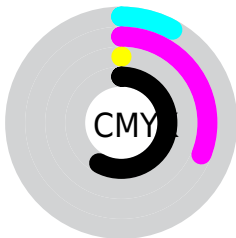
Distribution



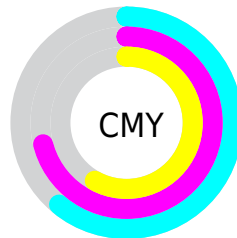
- Red (39%)
- Green (29%)
- Blue (42%)



- Red (39%)
- Yellow (29%)
- Blue (42%)



- Cyan (8%)
- Magenta (31%)
- Yellow (0%)
- Black (58%)



- Cyan (61%)
- Magenta (71%)
- Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 10.3684, 8.7675, 15.3332 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 10.3684, 8.7675, 15.3332 by changing the saturation by 10% instead.

■ 10.3684, 8.7675,
15.3332

■ 10.3684, 8.7675,
15.3332

187.2808,
181.6339, 237.0841

■ 5.7080, 4.5898,
8.9044

■ 26.1296, 23.4499,
36.1872

■ 2.7073, 2.0087,
4.5829

■ 37.9611, 34.7234,
51.4494

■ 1.0010, 0.6125,
1.9503

■ 52.9137, 49.1310,
70.4932

■ 0.0000, 0.0000,
0.5244

■ 71.3528, 67.0570,
93.7370

■ 0.0000, 0.0000,
0.0000

■ 93.6437, 88.8860,
121.5995

120.1518,

115.0021, 154.4992

151.2423,
145.7900, 192.8545

■ 10.3684, 8.7675,
15.3332

■ 10.3684, 8.7675,
15.3332

■ 9.3813, 7.2621,
15.0948

■ 11.4922, 10.5284,
15.6140

■ 8.5236, 5.9986,
14.8961

■ 12.7579, 12.5555,
15.9386

■ 7.7887, 4.9636,
14.7351

■ 14.1712, 14.8602,
16.3089

■ 7.1689, 4.1419,
14.6091

■ 15.7374, 17.4528,
16.7268

■ 6.6556, 3.5165,
14.5155

■ 17.4616, 20.3432,
17.1938

6.2389, 3.0680,
14.4509

19.3485, 23.5407,
17.7115

5.8934, 2.7255,
14.4030

21.4027, 27.0543,
18.2815

23.6286, 30.8925,
18.9050

26.0303, 35.0636,
19.5835

Harmonies

Analogous

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



9.1381, 8.7675, 18.3174



10.3684, 8.7675, 15.3332



11.0811, 8.7675, 11.1697

Triad

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



10.3684, 8.7675, 15.3332



8.8823, 8.7675, 4.0413



6.1348, 8.7675, 11.9597

Complementary

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



10.3684, 8.7675, 15.3332



10.2891, 13.1182, 8.6468

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.



6.0819, 8.7675, 8.0884



10.3684, 8.7675, 15.3332



7.5771, 8.7675, 4.1472

Square

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



10.3684, 8.7675, 15.3332



10.1642, 8.7675, 5.0942



6.5835, 8.7675, 5.4365



6.7366, 8.7675, 16.0420

Rectangle

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



10.3684, 8.7675, 15.3332



11.1218, 8.7675, 8.5865



6.5835, 8.7675, 5.4365



6.0548, 8.7675, 10.5752

Sweetspot

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



10.3687, 8.7679, 15.3334



22.7077, 22.5443, 28.0624



8.8063, 8.9741, 15.4555



5.4307, 5.3505, 6.7753



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.



10.3687, 8.7679, 15.3334



16.8897, 13.3821, 26.6005



11.0423, 9.1573, 13.4592



3.1411, 3.1245, 3.8724



7.0028, 3.2371, 17.1780



34.8183, 16.0491, 87.4889

Inverse Universe

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



10.3010, 8.8608, 9.5554



16.8002, 13.6050, 14.4442



9.7932, 12.8327, 9.9738



3.1305, 3.1291, 3.4178



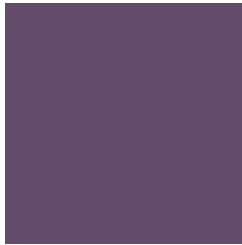
7.6371, 3.9070, 1.7176



38.5926, 19.7790, 7.0575

Previews

White Background



This preview shows how the XYZ color 10.3684, 8.7675, 15.3332 looks on a white background.

Color Contrast Check

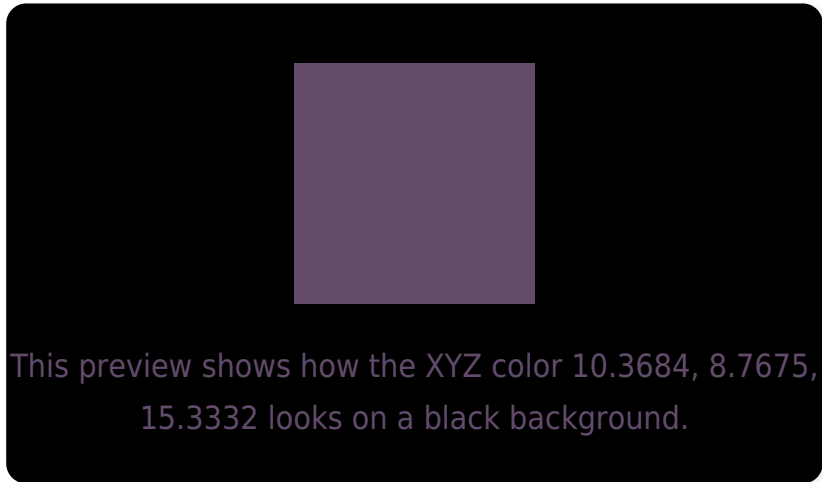
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

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 10.3684, 8.7675, 15.3332

Background



This preview shows how black text looks on a background with the XYZ color 10.3684, 8.7675, 15.3332.

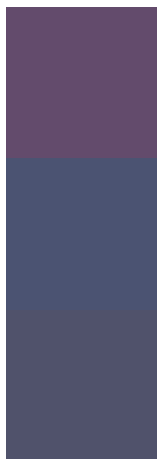


This preview shows how white text looks on a background with the XYZ color 10.3684, 8.7675,

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

10.3684, 8.7675, 15.3332

Protanopia

9.0322, 8.8973, 17.1609

Deuteranopia

8.9794, 8.8016, 15.1355



Tritanopia

9.2996, 8.7506, 10.0030

Trichromacy



Original Color

10.3684, 8.7675, 15.3332

Protanomaly

9.4494, 8.7920, 16.5282

Deuteranomaly

9.3803, 8.6797, 15.0909

Tritanomaly

9.6745, 8.7983, 11.7780

Monochromacy



Original Color

10.3684, 8.7675, 15.3332

Achromatopsia

8.8453, 9.3059, 10.1341

Achromatomaly

9.3521, 9.0669, 11.8469

CSS Examples

Text

The CSS property to change the color of the text to XYZ 10.3684, 8.7675, 15.3332 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(99, 75, 108) looks like.

```
.text, #text, p{  
    color:rgb(99, 75, 108)  
}
```

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(99, 75, 108) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(99, 75, 108) }
```

Border

The CSS property to change the border of an element to XYZ 10.3684, 8.7675, 15.3332 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(99, 75, 108) }
```


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

```
.border{ border-color:rgb(99, 75, 108) }
```

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

Here you see how a box with a 4 pixel `rgb(99, 75, 108)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(99, 75, 108); -webkit-box-  
shadow:4px 4px 4px 4px rgb(99, 75, 108);  
box-shadow:4px 4px 4px 4px rgb(99, 75,  
108) }
```

Background

The CSS property to change the background color of an element to XYZ 10.3684, 8.7675, 15.3332 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(99, 75, 108) }
```

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

```
.background{ background-color: rgb(99, 75,  
108) }
```

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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