

Converting Colors

XYZ(14.0729, 13.4228, 24.0957)

Have a look what the booklet for
XYZ(14.0729, 13.4228, 24.0957)
contains.

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Color

**XYZ(14.0623, 13.3838,
24.0325)**

Conversions

Conversions Part 1

Format	Color
Hex	656385
RGB	101, 99, 133
RGB Percent	40%, 39%, 52%
CMY	0.6039, 0.6118, 0.4784
CMYK	0.24, 0.26, 0.00, 0.48
HSL	244°, 15%, 45%
HSV	244°, 26%, 52%
XYZ	14.0623, 13.3838, 24.0325
YIQ	103.4740, -9.7220, 10.9980

Conversions

Conversions Part 2

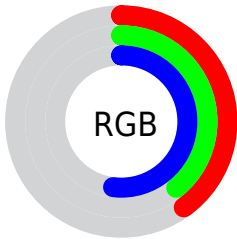
Format	Color
R_{YB}	101, 99, 133
Decimal	6644613
CIE Lab	43.34, 8.69, -18.56
CIE LCh	43, 20.498, 295.087
Yxy	13.3838, 0.2732, 0.2600
Android (android.graphics.Color)	4284834693 (0xFF656385)
YUV	103.4740, 14.5563, -2.1697
Hunter-Lab	36.5839, 4.5910, -13.3398

Details

The XYZ color **14.0623, 13.3838, 24.0325** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **20.0001, 22.5015, 15.0940**, and the grayscale version is **12.9825, 13.6586, 14.8742**.

A 20% lighter version of the original color is **32.7182, 32.0333, 50.9130**, and **4.3026, 3.9276, 8.7149** is the 20% darker color. If you saturate the color by 10%, you get **11.6082, 10.4000, 23.5861**, and if you desaturate by 10%, it is **16.9383, 16.8939, 24.5587**.

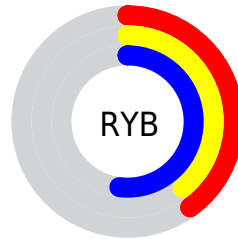
Distribution



Red (40%)

Green (39%)

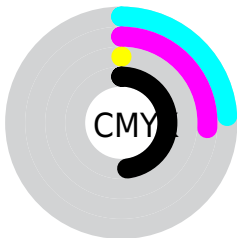
Blue (52%)



Red (40%)

Yellow (39%)

Blue (52%)

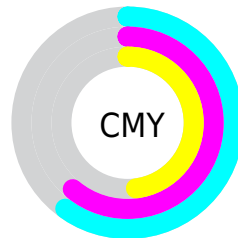


Cyan (24%)

Magenta (26%)

Yellow (0%)

Black (48%)



Cyan (60%)

Magenta (61%)

Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 14.0623, 13.3838, 24.0325 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 14.0623, 13.3838, 24.0325 by changing the saturation by 10% instead.

■ 14.0623, 13.3838,
24.0325

■ 14.0623, 13.3838,
24.0325

211.1209,
213.3630, 286.2766

■ 8.2460, 7.6934,
15.1453

■ 32.7849, 31.9916,
51.0277

■ 4.3059, 3.8994,
8.7737

■ 46.4219, 45.6777,
69.9728

■ 1.8766, 1.6174,
4.4991

■ 63.3964, 62.7979,
93.1077

■ 0.5632, 0.3693,
1.9029

■ 84.0740, 83.7365,
120.8508

■ 0.0000, 0.0000,
0.4946

108.8199,
108.8779, 153.6207

■ 0.0000, 0.0000,
0.0000

137.9994,

138.6065, 191.8359

171.9780,
173.3067, 235.9150

■ 14.0623, 13.3838,
24.0325

■ 14.0623, 13.3838,
24.0325

■ 11.6082, 10.4000,
23.5861

■ 16.9383, 16.8939,
24.5587

■ 9.5549, 7.9154,
23.2148

■ 20.2535, 20.9521,
25.1672

■ 7.8815, 5.9035,
22.9146

■ 24.0255, 25.5812,
25.8619

■ 6.5647, 4.3340,
22.6811

■ 28.2708, 30.8020,
26.6459

■ 5.5784, 3.1737,
22.5091

■ 33.0051, 36.6344,
27.5221

■ 4.8933, 2.3843,
22.3929

■ 38.2433, 43.0973,
28.4935

■ 4.4693, 1.9100,
22.3237

■ 43.9995, 50.2089,
29.5628

■ 4.3316, 1.7440,
22.2989

■ 50.2876, 57.9865,
30.7326

■ 57.1207, 66.4468,
32.0055

Harmonies

Analogous

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



12.4608, 13.3838, 25.1582



14.0623, 13.3838, 24.0325



15.3975, 13.3838, 20.1829

Triad

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



14.0623, 13.3838, 24.0325



14.5529, 13.3838, 8.5052



9.9104, 13.3838, 13.8353

Complementary

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



14.0623, 13.3838, 24.0325



20.0001, 22.5015, 15.0940

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.



10.3740, 13.3838, 10.1123



14.0623, 13.3838, 24.0325



12.9846, 13.3838, 7.4716

Square

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



14.0623, 13.3838, 24.0325



15.6969, 13.3838, 11.1652



11.4676, 13.3838, 7.9920



10.1471, 13.3838, 18.6112

Rectangle

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



14.0623, 13.3838, 24.0325



15.9113, 13.3838, 16.9451



11.4676, 13.3838, 7.9920



9.9883, 13.3838, 12.4327

Sweetspot

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



14.0627, 13.3843, 24.0328



34.6368, 35.5200, 44.7689



17.5363, 20.6598, 25.2540



7.6209, 7.7789, 10.0525



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.



14.0627, 13.3843, 24.0328



22.3965, 20.5774, 42.5298



16.1264, 14.4482, 24.1294



4.4580, 4.5567, 5.8453



4.1284, 1.6624, 21.2400



0.0158, 0.0066, 0.0737

Inverse Universe

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



18.2318, 15.5494, 23.5135



31.2744, 25.1892, 41.3622



17.6186, 21.2738, 14.9825



4.8464, 4.7582, 5.8034



12.7513, 6.1649, 19.0608



0.0451, 0.0217, 0.0707

Previews

White Background



This preview shows how the XYZ color 14.0623, 13.3838, 24.0325 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 14.0623, 13.3838, 24.0325 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 14.0623, 13.3838, 24.0325

Background



This preview shows how black text looks on a background with the XYZ color 14.0623, 13.3838, 24.0325.

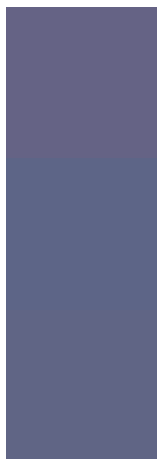


This preview shows how white text looks on a background with the XYZ color 14.0623, 13.3838,

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

14.0623, 13.3838, 24.0325

Protanopia

13.5411, 13.3838, 24.7913

Deuteranopia

13.7112, 13.4876, 24.0710



Tritanopia

12.6493, 13.3896, 16.9567

Trichromacy



Original Color

14.0623, 13.3838, 24.0325

Protanomaly

13.6841, 13.3224, 24.4045

Deuteranomaly

13.8278, 13.4045, 24.0488

Tritanomaly

13.1181, 13.4313, 19.3539

Monochromacy



Original Color

14.0623, 13.3838, 24.0325

Achromatopsia

12.8919, 13.5633, 14.7705

Achromatomaly

13.2681, 13.5424, 17.8342

CSS Examples

Text

The CSS property to change the color of the text to XYZ 14.0623, 13.3838, 24.0325 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(101, 99, 133)` looks like.

```
.text, #text, p{  
    color:rgb(101, 99, 133)  
}
```

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(101, 99, 133) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(101, 99, 133) }
```

Border

The CSS property to change the border of an element to XYZ 14.0623, 13.3838, 24.0325 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(101, 99, 133) }
```


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

```
.border{ border-color:rgb(101, 99, 133) }
```

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

Here you see how a box with a 4 pixel `rgb(101, 99, 133)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(101, 99, 133); -webkit-box-  
shadow:4px 4px 4px 4px rgb(101, 99, 133);  
box-shadow:4px 4px 4px 4px rgb(101, 99,  
133) }
```

Background

The CSS property to change the background color of an element to XYZ 14.0623, 13.3838, 24.0325 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(101, 99, 133) }
```

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

```
.background{ background-color: rgb(101, 99,  
133) }
```

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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