

Converting Colors

XYZ(24.2081, 15.1658, 14.4656)

Have a look what the booklet for
XYZ(24.2081, 15.1658, 14.4656)
contains.

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Color

**XYZ(24.2225, 15.1839,
14.4861)**

Conversions

Conversions Part 1

Format	Color
Hex	B84367
RGB	184, 67, 103
RGB Percent	72%, 26%, 40%
CMY	0.2784, 0.7372, 0.5961
CMYK	0.00, 0.64, 0.44, 0.28
HSL	342°, 47%, 49%
HSV	342°, 64%, 72%
XYZ	24.2225, 15.1839, 14.4861
YIQ	106.0870, 58.1760, 36.0000

Conversions

Conversions Part 2

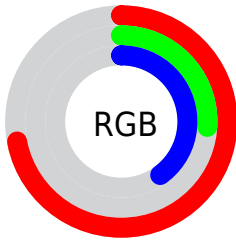
Format	Color
R_{YB}	184, 67, 103
Decimal	12075879
CIE _{Lab}	45.89, 50.26, 4.60
CIE _{LCh}	46, 50.467, 5.227
Yxy	15.1839, 0.4495, 0.2817
Android (android.graphics.Color)	4290265959 (0xFFB84367)
YUV	106.0870, -1.5219, 68.3297
Hunter-Lab	38.9665, 42.7683, 5.2351

Details

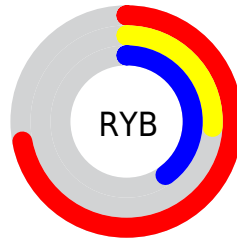
The XYZ color **24.2225, 15.1839, 14.4861** is a dark color, and the websafe version is hex **CC3366**. A complement of this color would be **24.8014, 37.6128, 33.9723**, and the grayscale version is **13.7169, 14.4313, 15.7157**.

A 20% lighter version of the original color is **49.9783, 35.2409, 34.7399**, and **9.3180, 4.7211, 4.1615** is the 20% darker color. If you saturate the color by 10%, you get **22.7057, 13.0968, 11.0625**, and if you desaturate by 10%, it is **26.1850, 18.0065, 18.5392**.

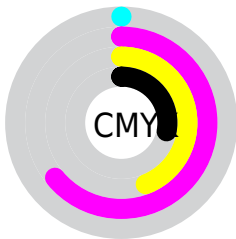
Distribution



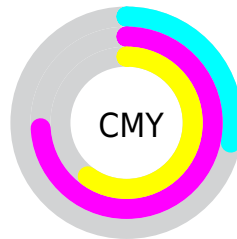
- Red (72%)
- Green (26%)
- Blue (40%)



- Red (72%)
- Yellow (26%)
- Blue (40%)



- Cyan (0%)
- Magenta (64%)
- Yellow (44%)
- Black (28%)



- Cyan (28%)
- Magenta (74%)
- Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 24.2225, 15.1839, 14.4861 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 24.2225, 15.1839, 14.4861 by changing the saturation by 10% instead.

■ 24.2225, 15.1839,
14.4861

■ 24.2225, 15.1839,
14.4861

266.3631,
224.4766, 231.7669

■ 15.6244, 8.9486,
8.3169

■ 49.8451, 35.1755,
34.6785

■ 9.3479, 4.7076,
4.2077

■ 67.6003, 49.7005,
49.5389

■ 5.0277, 2.0768,
1.7400

■ 89.1385, 67.7575,
68.1334

■ 2.2985, 0.6515,
0.3879

■ 114.8252, 89.7309,
90.8806

■ 0.7939, 0.0000,
0.0000

■ 145.0256,
116.0052, 118.1990

■ 0.0000, 0.0000,
0.0000

180.1051,

146.9646, 150.5071

220.4292,
182.9936, 188.2236

■ 24.2225, 15.1839,
14.4861

■ 24.2225, 15.1839,
14.4861

■ 22.7057, 13.0968,
11.0625

■ 26.1850, 18.0065,
18.5392

■ 21.5947, 11.6726,
8.2331

■ 28.6259, 21.6232,
23.2526

■ 20.8442, 10.8278,
5.9595

■ 31.5760, 26.0898,
28.6560

■ 20.4959, 10.4819,
4.7629

■ 35.0633, 31.4559,
34.7766

■ 39.1134, 37.7677,
41.6404

■ 43.7505, 45.0678,
49.2720

■ 48.9972, 53.3965,
57.6945

■ 54.8750, 62.7917,
66.9305

■ 61.4042, 73.2894,
77.0013

Harmonies

Analogous

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



23.2202, 15.1839, 28.4394



24.2225, 15.1839, 14.4861



22.2105, 15.1839, 6.3570

Triad

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



24.2225, 15.1839, 14.4861



10.2038, 15.1839, 3.8200



11.2645, 15.1839, 48.2906

Complementary

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



24.2225, 15.1839, 14.4861



24.8014, 37.6128, 33.9723

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.



8.7215, 15.1839, 34.0922



24.2225, 15.1839, 14.4861



8.1988, 15.1839, 8.5223

Square

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



24.2225, 15.1839, 14.4861



13.6983, 15.1839, 2.4471



7.7150, 15.1839, 18.7635



15.1911, 15.1839, 52.6260

Rectangle

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



24.2225, 15.1839, 14.4861



19.6257, 15.1839, 3.7799



7.7150, 15.1839, 18.7635



10.2461, 15.1839, 44.2591

Sweetspot

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



24.2229, 15.1847, 14.4864



66.5661, 61.6887, 68.1821



22.6833, 13.6744, 46.7912



13.9143, 12.6210, 13.9544



88.6918, 93.3107, 101.6153



17.8044, 18.7317, 20.3988

Same Dimension

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



24.2229, 15.1847, 14.4864



40.3359, 22.6568, 18.0402



24.3077, 17.6501, 7.4369



9.1153, 9.0565, 9.9548



14.1539, 7.2353, 3.4313



0.5275, 0.2665, 0.2714

Inverse Universe

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



24.2229, 15.1847, 14.4864



40.3359, 22.6568, 18.0402



23.9846, 30.6895, 50.0069



9.1153, 9.0565, 9.9548



14.1539, 7.2353, 3.4313



0.5275, 0.2665, 0.2714

Previews

White Background



This preview shows how the XYZ color 24.2225, 15.1839, 14.4861 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 24.2225, 15.1839, 14.4861 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

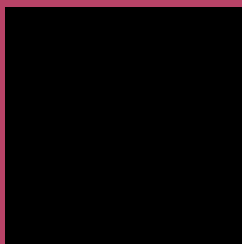
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 24.2225, 15.1839, 14.4861

Background



This preview shows how black text looks on a background with the XYZ color 24.2225, 15.1839, 14.4861.

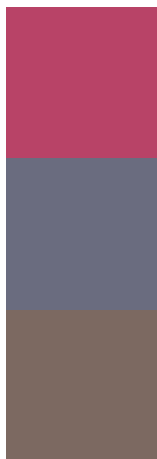


This preview shows how white text looks on a background with the XYZ color 24.2225, 15.1839,

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

24.2225, 15.1839, 14.4861

Protanopia

15.1372, 15.3216, 22.2382

Deuteranopia

15.5214, 15.2513, 13.4350



Tritanopia

22.9483, 15.1156, 8.7293

Trichromacy



Original Color

24.2225, 15.1839, 14.4861

Protanomaly

17.0159, 14.2050, 18.9846

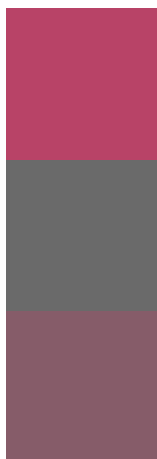
Deuteranomaly

17.8473, 14.4940, 13.6614

Tritanomaly

23.3983, 15.1195, 10.4892

Monochromacy



Original Color

24.2225, 15.1839, 14.4861

Achromatopsia

13.6994, 14.4128, 15.6956

Achromatomaly

16.2085, 13.7425, 15.1629

CSS Examples

Text

The CSS property to change the color of the text to XYZ 24.2225, 15.1839, 14.4861 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(184, 67, 103)` looks like.

```
.text, #text, p{  
    color:rgb(184, 67, 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(184, 67, 103) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(184, 67, 103) }
```

Border

The CSS property to change the border of an element to XYZ 24.2225, 15.1839, 14.4861 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(184, 67, 103) }
```


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

```
.border{ border-color:rgb(184, 67, 103) }
```

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

Here you see how a box with a 4 pixel `rgb(184, 67, 103)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(184, 67, 103); -webkit-box-  
shadow:4px 4px 4px 4px rgb(184, 67, 103);  
box-shadow:4px 4px 4px 4px rgb(184, 67,  
103) }
```

Background

The CSS property to change the background color of an element to XYZ 24.2225, 15.1839, 14.4861 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(184, 67, 103) }
```

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

```
.background{ background-color: rgb(184, 67,  
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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