

Converting Colors

XYZ(24.0288, 15.2416, 14.7524)

Have a look what the booklet for
XYZ(24.0288, 15.2416, 14.7524)
contains.

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Color

**XYZ(24.1553, 15.3230,
14.7812)**

Conversions

Conversions Part 1

Format	Color
Hex	B74568
RGB	183, 69, 104
RGB Percent	72%, 27%, 41%
CMY	0.2824, 0.7294, 0.5922
CMYK	0.00, 0.62, 0.43, 0.28
HSL	342°, 45%, 49%
HSV	342°, 62%, 72%
XYZ	24.1553, 15.3230, 14.7812
YIQ	107.0760, 56.7090, 35.0530

Conversions

Conversions Part 2

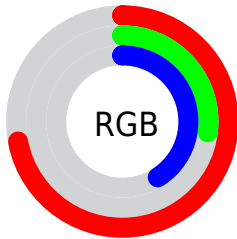
Format	Color
RYB	183, 69, 104
Decimal	12010856
CIELab	46.07, 49.15, 4.23
CIELCh	46, 49.334, 4.924
Yxy	15.3230, 0.4452, 0.2824
Android (android.graphics.Color)	4290200936 (0xFFB74568)
YUV	107.0760, -1.5165, 66.5853
Hunter-Lab	39.1446, 41.6455, 5.0130

Details

The XYZ color **24.1553, 15.3230, 14.7812** is a dark color, and the websafe version is hex **CC3366**. A complement of this color would be **24.7340, 37.2708, 33.9099**, and the grayscale version is **13.9899, 14.7184, 16.0284**.

A 20% lighter version of the original color is **49.6173, 35.4097, 35.2300**, and **9.2394, 4.7422, 4.2993** is the 20% darker color. If you saturate the color by 10%, you get **22.6016, 13.1702, 11.3205**, and if you desaturate by 10%, it is **26.1538, 18.2103, 18.8685**.

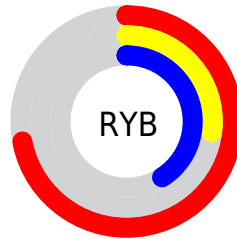
Distribution



Red (72%)

Green (27%)

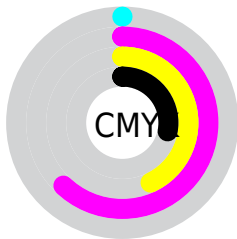
Blue (41%)



Red (72%)

Yellow (27%)

Blue (41%)

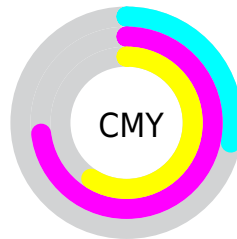


Cyan (0%)

Magenta (62%)

Yellow (43%)

Black (28%)



Cyan (28%)


Magenta (73%)


Yellow (59%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 24.1553, 15.3230, 14.7812 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 24.1553, 15.3230, 14.7812 by changing the saturation by 10% instead.


 24.1553, 15.3230,
14.7812


 24.1553, 15.3230,
14.7812


266.0306,
225.3130, 233.6330


 15.5742, 9.0464,
8.5211


 49.7363, 35.4188,
35.2057


 9.3123, 4.7715,
4.3376


 67.4670, 50.0068,
50.2072


 5.0042, 2.1138,
1.8123

 88.9783, 68.1341,
68.9595

 2.2845, 0.6724,
0.4361

 114.6354, 90.1850,
91.8813

 0.7867, 0.0000,
0.0000

 144.8039,
116.5440, 119.3910

 0.0000, 0.0000,
0.0000

179.8490,

147.5953, 151.9071

220.1361,
183.7236, 189.8483

■ 24.1553, 15.3230,
14.7812

■ 24.1553, 15.3230,
14.7812

■ 22.6016, 13.1702,
11.3205

■ 26.1538, 18.2103,
18.8685

■ 21.4541, 11.6816,
8.4519

■ 28.6288, 21.8891,
23.6124

■ 20.6690, 10.7770,
6.1379

■ 31.6104, 26.4136,
29.0420

■ 20.2466, 10.3546,
4.6957

■ 35.1259, 31.8323,
35.1842

■ 39.2005, 38.1902,
42.0644

■ 43.8576, 45.5291,
49.7066

■ 49.1196, 53.8885,
58.1339

■ 55.0075, 63.3055,
67.3681

■ 61.5411, 73.8153,
77.4304

Harmonies

Analogous

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



23.1473, 15.3230, 28.4976



24.1553, 15.3230, 14.7812



22.2184, 15.3230, 6.6546

Triad

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



24.1553, 15.3230, 14.7812



10.4217, 15.3230, 4.0159



11.4095, 15.3230, 47.5211

Complementary

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



24.1553, 15.3230, 14.7812



24.7340, 37.2708, 33.9099

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.



8.9069, 15.3230, 33.6850



24.1553, 15.3230, 14.7812



8.4180, 15.3230, 8.6915

Square

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



24.1553, 15.3230, 14.7812



13.8835, 15.3230, 2.6379



7.9218, 15.3230, 18.7438



15.2665, 15.3230, 51.8446

Rectangle

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



24.1553, 15.3230, 14.7812



19.7016, 15.3230, 4.0295



7.9218, 15.3230, 18.7438



10.4077, 15.3230, 43.5851

Sweetspot

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



24.1557, 15.3238, 14.7815



64.9762, 60.2223, 66.5434



22.6909, 13.8699, 46.2811



13.9133, 12.6207, 13.9496



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.



24.1557, 15.3238, 14.7815



39.5848, 22.4003, 18.1235



24.2510, 17.7934, 7.7876



9.1151, 9.0564, 9.9535



14.1518, 7.2345, 3.4200



0.5274, 0.2665, 0.2709

Inverse Universe

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



24.1557, 15.3238, 14.7815



39.5848, 22.4003, 18.1235



23.9401, 30.5607, 49.4369



9.1151, 9.0564, 9.9535



14.1518, 7.2345, 3.4200



0.5274, 0.2665, 0.2709

Previews

White Background



This preview shows how the XYZ color 24.1553, 15.3230, 14.7812 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 24.1553, 15.3230, 14.7812 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

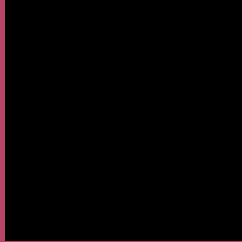
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 24.1553, 15.3230, 14.7812

Background



This preview shows how black text looks on a background with the XYZ color 24.1553, 15.3230, 14.7812.



This preview shows how white text looks on a background with the XYZ color 24.1553, 15.3230,

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

24.1553, 15.3230, 14.7812

Protanopia

15.3628, 15.5954, 22.2792

Deuteranopia

15.8636, 15.5689, 13.9734



Tritanopia

22.9161, 15.2858, 9.1398

Trichromacy



Original Color

24.1553, 15.3230, 14.7812

Protanomaly

17.3242, 14.4882, 19.3362

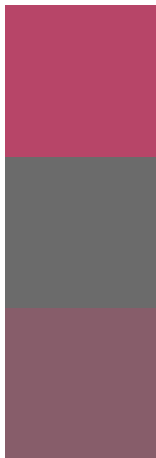
Deuteranomaly

18.1174, 14.8793, 14.2290

Tritanomaly

23.3702, 15.2844, 10.9510

Monochromacy



Original Color

24.1553, 15.3230, 14.7812

Achromatopsia

13.9749, 14.7027, 16.0113

Achromatomaly

16.5075, 14.0202, 15.4718

CSS Examples

Text

The CSS property to change the color of the text to XYZ 24.1553, 15.3230, 14.7812 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(183, 69, 104)` looks like.

```
.text, #text, p{  
    color:rgb(183, 69, 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(183, 69, 104) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(183, 69, 104) }
```

Border

The CSS property to change the border of an element to XYZ 24.1553, 15.3230, 14.7812 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(183, 69, 104) }
```


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

```
.border{ border-color:rgb(183, 69, 104) }
```

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

Here you see how a box with a 4 pixel `rgb(183, 69, 104)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(183, 69, 104); -webkit-box-shadow:4px 4px 4px 4px rgb(183, 69, 104); box-shadow:4px 4px 4px 4px rgb(183, 69, 104) }
```

Background

The CSS property to change the background color of an element to XYZ 24.1553, 15.3230, 14.7812 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(183, 69, 104) }
```

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

```
.background{ background-color: rgb(183, 69,  
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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