

Converting Colors

XYZ(23.5431, 15.4120, 10.9987)

Have a look what the booklet for
XYZ(23.5431, 15.4120, 10.9987)
contains.

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Color

**XYZ(23.6073, 15.4066,
10.9620)**

Conversions

Conversions Part 1

Format	Color
Hex	B74858
RGB	183, 72, 88
RGB Percent	72%, 28%, 35%
CMY	0.2824, 0.7176, 0.6549
CMYK	0.00, 0.61, 0.52, 0.28
HSL	351°, 44%, 50%
HSV	351°, 61%, 72%
XYZ	23.6073, 15.4066, 10.9620
YIQ	107.0130, 61.0200, 28.5080

Conversions

Conversions Part 2

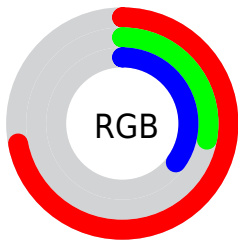
Format	Color
RYB	183, 72, 88
Decimal	12011608
CIELab	46.19, 46.25, 14.18
CIElCh	46, 48.376, 17.041
Yxy	15.4066, 0.4724, 0.3083
Android (android.graphics.Color)	4290201688 (0xFFB74858)
YUV	107.0130, -9.3734, 66.6406
Hunter-Lab	39.2512, 38.6675, 10.9175

Details

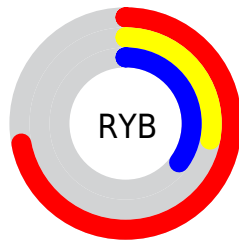
The XYZ color **23.6073, 15.4066, 10.9620** is a dark color, and the websafe version is hex **CC6666**. A complement of this color would be **26.5821, 38.0352, 42.5027**, and the grayscale version is **13.9927, 14.7214, 16.0316**.

A 20% lighter version of the original color is **48.8832, 35.5569, 28.3315**, and **9.0374, 4.8222, 2.7400** is the 20% darker color. If you saturate the color by 10%, you get **22.0147, 13.1507, 7.5668**, and if you desaturate by 10%, it is **25.6921, 18.4241, 15.2093**.

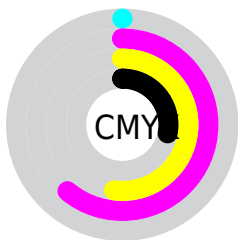
Distribution



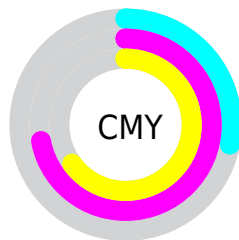
- Red (72%)
- Green (28%)
- Blue (35%)



- Red (72%)
- Yellow (28%)
- Blue (35%)



- Cyan (0%)
- Magenta (61%)
- Yellow (52%)
- Black (28%)





- Cyan (28%)
- Magenta (72%)
- Yellow (65%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 23.6073, 15.4066, 10.9620 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 23.6073, 15.4066, 10.9620 by changing the saturation by 10% instead.


 23.6073, 15.4066,
10.9620


 23.6073, 15.4066,
10.9620


263.3065,
225.8142, 208.1347

 15.1657, 9.1052,
5.9274


 48.8480, 35.5649,
28.2255


 9.0229, 4.8099,
2.7329


 66.3778, 50.1907,
41.2914


 4.8133, 2.1362,
0.9599

 87.6677, 68.3600,
57.8716

 2.1718, 0.6848,
0.0000

 113.0831, 90.4573,
78.3846

 0.7278, 0.0000,
0.0000

 142.9893,
116.8670, 103.2488

 0.0000, 0.0000,
0.0000

177.7517,

147.9734, 132.8829

217.7357,
184.1611, 167.7054

■ 23.6073, 15.4066,
10.9620

■ 23.6073, 15.4066,
10.9620

■ 22.0147, 13.1507,
7.5668

■ 25.6921, 18.4241,
15.2093

■ 20.8719, 11.5856,
4.9646

■ 28.3046, 22.2606,
20.3606

■ 20.1310, 10.6317,
3.0899

■ 31.4782, 26.9709,
26.4646

■ 19.7190, 10.1435,
1.9177

■ 35.2431, 32.6043,
33.5661

■ 39.6277, 39.2067,
41.7074

■ 44.6581, 46.8205,
50.9278

■ 50.3591, 55.4859,
61.2652

■ 56.7543, 65.2408,
72.7551

■ 63.8660, 76.1212,
85.4318

Harmonies

Analogous

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



23.8088, 15.4066, 22.4000



23.6073, 15.4066, 10.9620



20.7385, 15.4066, 5.0407

Triad

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



23.6073, 15.4066, 10.9620



9.5737, 15.4066, 5.5713



12.9364, 15.4066, 50.0598

Complementary

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



23.6073, 15.4066, 10.9620



26.5821, 38.0352, 42.5027

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.



9.8777, 15.4066, 39.4841



23.6073, 15.4066, 10.9620



8.1962, 15.4066, 12.1808

Square

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



23.6073, 15.4066, 10.9620



12.4408, 15.4066, 3.0840



8.2958, 15.4066, 24.3480



17.0920, 15.4066, 49.1973

Rectangle

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



23.6073, 15.4066, 10.9620



17.9591, 15.4066, 3.3506



8.2958, 15.4066, 24.3480



11.7634, 15.4066, 47.5725

Sweetspot

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



23.6077, 15.4074, 10.9623



64.8674, 61.0193, 63.3796



26.6646, 16.1994, 46.5212



13.8527, 12.7645, 13.1121



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.



23.6077, 15.4074, 10.9623



38.6125, 22.4215, 11.7387



26.3669, 21.8723, 8.9641



9.0559, 9.0327, 9.6420



13.7722, 7.0826, 1.4214



0.5024, 0.2564, 0.1391

Inverse Universe

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



23.6077, 15.4074, 10.9623



38.6125, 22.4215, 11.7387



21.2166, 24.7895, 48.4664



9.0559, 9.0327, 9.6420



13.7722, 7.0826, 1.4214



0.5024, 0.2564, 0.1391

Previews

White Background



This preview shows how the XYZ color 23.6073, 15.4066, 10.9620 looks on a white background.

Color Contrast Check

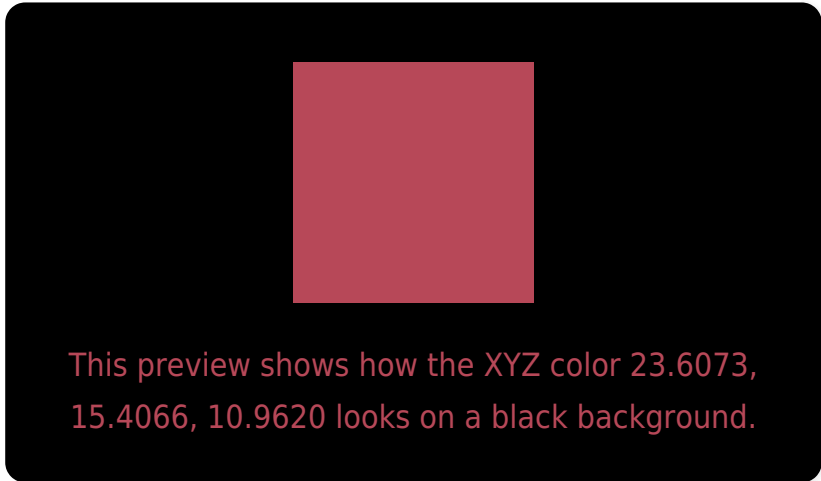
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

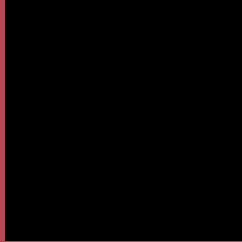
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 23.6073, 15.4066, 10.9620

Background



This preview shows how black text looks on a background with the XYZ color 23.6073, 15.4066, 10.9620.



This preview shows how white text looks on a background with the XYZ color 23.6073, 15.4066,

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

23.6073, 15.4066, 10.9620

Protanopia

15.0398, 15.7241, 16.1523

Deuteranopia

15.9213, 15.6784, 10.3707



Tritanopia

23.1153, 15.3927, 8.9605

Trichromacy



Original Color

23.6073, 15.4066, 10.9620

Protanomaly

16.9644, 14.6891, 13.9978

Deuteranomaly

18.0368, 15.0508, 10.5488

Tritanomaly

23.1969, 15.3194, 9.7170

Monochromacy



Original Color

23.6073, 15.4066, 10.9620

Achromatopsia

13.9749, 14.7027, 16.0113

Achromatomaly

16.2946, 14.0764, 13.9148

CSS Examples

Text

The CSS property to change the color of the text to XYZ 23.6073, 15.4066, 10.9620 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, 72, 88)` looks like.

```
.text, #text, p{  
    color:rgb(183, 72, 88)  
}
```

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, 72, 88) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(183, 72, 88) }
```

Border

The CSS property to change the border of an element to XYZ 23.6073, 15.4066, 10.9620 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, 72, 88) }
```


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

```
.border{ border-color:rgb(183, 72, 88) }
```

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

Here you see how a box with a 4 pixel rgb(183, 72, 88) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(183, 72, 88); -webkit-box-  
shadow:4px 4px 4px 4px rgb(183, 72, 88);  
box-shadow:4px 4px 4px 4px rgb(183, 72,  
88) }
```

Background

The CSS property to change the background color of an element to XYZ 23.6073, 15.4066, 10.9620 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(183, 72, 88) }
```

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

```
.background{ background-color: rgb(183, 72,  
88) }
```

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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