

Converting Colors

XYZ(23.8179, 15.3165, 11.5801)

Have a look what the booklet for
XYZ(23.8179, 15.3165, 11.5801)
contains.

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Color

**XYZ(23.8457, 15.3260,
11.5989)**

Conversions

Conversions Part 1

Format	Color
Hex	B8465B
RGB	184, 70, 91
RGB Percent	72%, 27%, 36%
CMY	0.2784, 0.7255, 0.6431
CMYK	0.00, 0.62, 0.51, 0.28
HSL	349°, 45%, 50%
HSV	349°, 62%, 72%
XYZ	23.8457, 15.3260, 11.5989
YIQ	106.4800, 61.2030, 30.6990

Conversions

Conversions Part 2

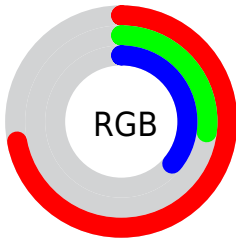
Format	Color
RYB	184, 70, 91
Decimal	12076635
CIELab	46.08, 47.78, 12.22
CIElCh	46, 49.314, 14.349
Yxy	15.3260, 0.4697, 0.3019
Android (android.graphics.Color)	4290266715 (0xFFB8465B)
YUV	106.4800, -7.6316, 67.9850
Hunter-Lab	39.1484, 40.2164, 9.8375

Details

The XYZ color **23.8457, 15.3260, 11.5989** is a dark color, and the websafe version is hex **CC6666**. A complement of this color would be **26.2782, 38.2279, 40.6470**, and the grayscale version is **13.8406, 14.5614, 15.8574**.

A 20% lighter version of the original color is **49.1989, 35.3221, 29.4241**, and **9.1733, 4.7848, 3.0248** is the 20% darker color. If you saturate the color by 10%, you get **22.2818, 13.1330, 8.1960**, and if you desaturate by 10%, it is **25.8925, 18.2776, 15.8021**.

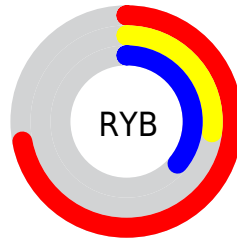
Distribution



Red (72%)

Green (27%)

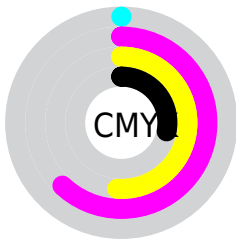
Blue (36%)



Red (72%)

Yellow (27%)

Blue (36%)

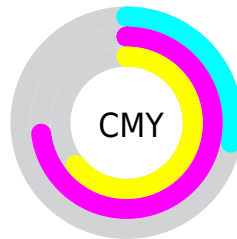


Cyan (0%)

Magenta (62%)

Yellow (51%)

Black (28%)



Cyan (28%)


Magenta (73%)


Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 23.8457, 15.3260, 11.5989 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 23.8457, 15.3260, 11.5989 by changing the saturation by 10% instead.


 23.8457, 15.3260,
11.5989


 23.8457, 15.3260,
11.5989


264.4944,
225.3310, 212.6143


 15.3433, 9.0485,
6.3520


 49.2348, 35.4241,
29.4158


 9.1486, 4.7728,
2.9880


 66.8522, 50.0134,
42.8229


 4.8961, 2.1146,
1.0885

 88.2387, 68.1422,
59.7872

 2.2206, 0.6728,
0.0000

 113.7596, 90.1948,
80.7271

 0.7535, 0.0000,
0.0000

 143.7803,
116.5556, 106.0612

 0.0000, 0.0000,
0.0000

178.6661,

147.6089, 136.2081

218.7823,
183.7393, 171.5863

■ 23.8457, 15.3260,
11.5989

■ 23.8457, 15.3260,
11.5989

■ 22.2818, 13.1330,
8.1960

■ 25.8925, 18.2776,
15.8021

■ 21.1585, 11.6263,
5.5406

■ 28.4573, 22.0465,
20.8521

■ 20.4278, 10.7236,
3.5745

■ 31.5734, 26.6885,
26.7927

■ 20.0543, 10.3052,
2.4369

■ 35.2706, 32.2538,
33.6643

■ 39.5768, 38.7886,
41.5049

■ 44.5182, 46.3363,
50.3503

■ 50.1190, 54.9374,
60.2346

■ 56.4026, 64.6304,
71.1901

■ 63.3910, 75.4516,
83.2478

Harmonies

Analogous

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



23.7800, 15.3260, 23.7156



23.8457, 15.3260, 11.5989



21.1186, 15.3260, 5.1992

Triad

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



23.8457, 15.3260, 11.5989



9.6311, 15.3260, 5.0307



12.5004, 15.3260, 50.2095

Complementary

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



23.8457, 15.3260, 11.5989



26.2782, 38.2279, 40.6470

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.



9.5332, 15.3260, 38.5617



23.8457, 15.3260, 11.5989



8.1064, 15.3260, 11.2062

Square

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



23.8457, 15.3260, 11.5989



12.6607, 15.3260, 2.8317



8.0744, 15.3260, 23.0814



16.6555, 15.3260, 50.4928

Rectangle

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



23.8457, 15.3260, 11.5989



18.3389, 15.3260, 3.3351



8.0744, 15.3260, 23.0814



11.3512, 15.3260, 47.3118

Sweetspot

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



23.8461, 15.3268, 11.5992



65.8854, 61.4164, 64.5977



25.5809, 15.4398, 46.9793



13.7513, 12.5559, 13.0965



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.



23.8461, 15.3268, 11.5992



39.6387, 22.7792, 13.1315



25.8438, 20.5745, 8.4046



9.0704, 9.0385, 9.7180



13.8408, 7.1101, 1.7825



0.5086, 0.2589, 0.1715

Inverse Universe

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



23.8461, 15.3268, 11.5992



39.6387, 22.7792, 13.1315



22.0528, 26.5126, 49.3026



9.0704, 9.0385, 9.7180



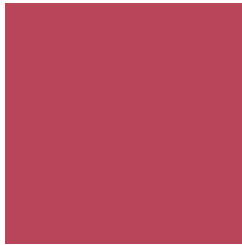
13.8408, 7.1101, 1.7825



0.5086, 0.2589, 0.1715

Previews

White Background



This preview shows how the XYZ color 23.8457, 15.3260, 11.5989 looks on a white background.

Color Contrast Check

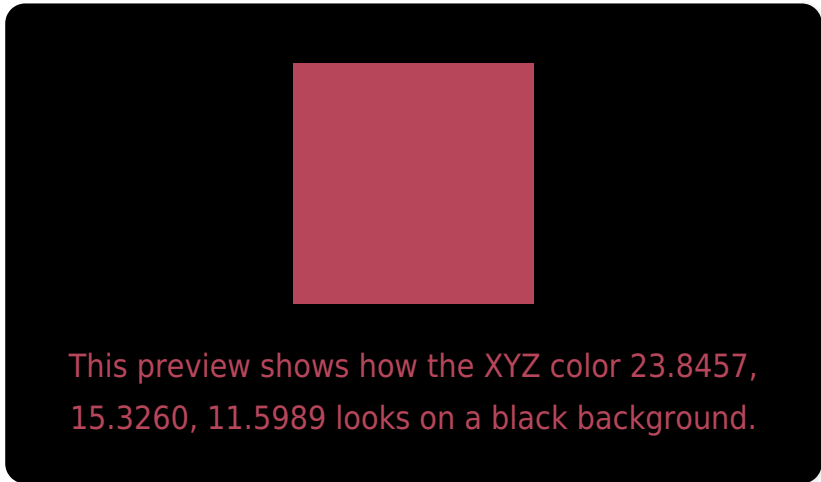
Large Text (above 18pt) WCAG AA ✓ Pass

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

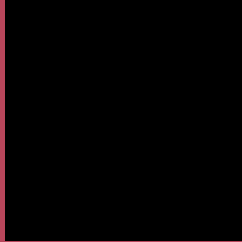
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 23.8457, 15.3260, 11.5989

Background



This preview shows how black text looks on a background with the XYZ color 23.8457, 15.3260, 11.5989.



This preview shows how white text looks on a background with the XYZ color 23.8457, 15.3260,

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

23.8457, 15.3260, 11.5989

Protanopia

14.8934, 15.4645, 17.2389

Deuteranopia

15.7846, 15.4422, 10.9528



Tritanopia

23.2505, 15.3682, 8.7621

Trichromacy



Original Color

23.8457, 15.3260, 11.5989

Protanomaly

17.0721, 14.5872, 15.0125

Deuteranomaly

17.9830, 14.7484, 11.1314

Tritanomaly

23.3688, 15.3112, 9.7063

Monochromacy



Original Color

23.8457, 15.3260, 11.5989

Achromatopsia

13.6994, 14.4128, 15.6956

Achromatomaly

16.0948, 13.8366, 14.1344

CSS Examples

Text

The CSS property to change the color of the text to XYZ 23.8457, 15.3260, 11.5989 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, 70, 91)` looks like.

```
.text, #text, p{  
    color:rgb(184, 70, 91)  
}
```

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, 70, 91) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(184, 70, 91) }
```

Border

The CSS property to change the border of an element to XYZ 23.8457, 15.3260, 11.5989 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, 70, 91) }
```


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

```
.border{ border-color:rgb(184, 70, 91) }
```

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

Here you see how a box with a 4 pixel rgb(184, 70, 91) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(184, 70, 91); -webkit-box-  
shadow:4px 4px 4px 4px rgb(184, 70, 91);  
box-shadow:4px 4px 4px 4px rgb(184, 70,  
91) }
```

Background

The CSS property to change the background color of an element to XYZ 23.8457, 15.3260, 11.5989 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(184, 70, 91) }
```

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

```
.background{ background-color: rgb(184, 70,  
91) }
```

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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