

Converting Colors

XYZ(23.8987, 15.6630, 6.1785)

Have a look what the booklet for
XYZ(23.8987, 15.6630, 6.1785)
contains.

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Color

**XYZ(23.8987, 15.6630,
6.1785)**

Conversions

Conversions Part 1

Format	Color
Hex	BC483D
RGB	188, 72, 61
RGB Percent	74%, 28%, 24%
CMY	0.2627, 0.7176, 0.7608
CMYK	0.00, 0.62, 0.68, 0.26
HSL	5°, 51%, 49%
HSV	5°, 68%, 74%
XYZ	23.8987, 15.6630, 6.1785
YIQ	105.4300, 72.6670, 21.1710

Conversions

Conversions Part 2

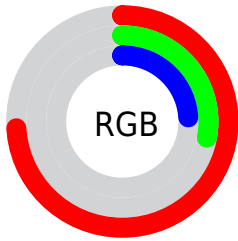
Format	Color
RYB	188, 73, 61
Decimal	12339261
CIELab	46.53, 46.06, 30.95
CIElCh	47, 55.496, 33.902
Yxy	15.6630, 0.5225, 0.3424
Android (android.graphics.Color)	4290529341 (0xFFBC483D)
YUV	105.4300, -21.9040, 72.4139
Hunter-Lab	39.5765, 38.5303, 18.4475

Details

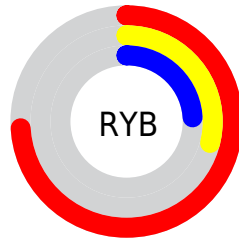
The XYZ color **23.8987, 15.6630, 6.1785** is a dark color, and the websafe version is hex **993333**. A complement of this color would be **26.7223, 36.0644, 53.1294**, and the grayscale version is **13.5885, 14.2961, 15.5685**.

A 20% lighter version of the original color is **49.1609, 35.9111, 18.8085**, and **9.1552, 4.9207, 1.0395** is the 20% darker color. If you saturate the color by 10%, you get **22.5189, 13.5768, 3.6431**, and if you desaturate by 10%, it is **25.7667, 18.4419, 9.7524**.

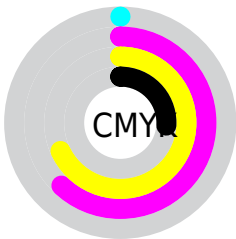
Distribution



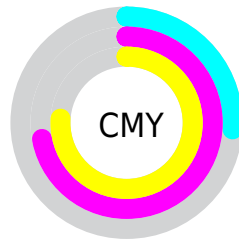
- Red (74%)
- Green (28%)
- Blue (24%)



- Red (74%)
- Yellow (29%)
- Blue (24%)



- Cyan (0%)
- Magenta (62%)
- Yellow (68%)
- Black (26%)





- Cyan (26%)
- Magenta (72%)
- Yellow (76%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 23.8987, 15.6630, 6.1785 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 23.8987, 15.6630, 6.1785 by changing the saturation by 10% instead.


 23.8987, 15.6630,
6.1785


 23.8987, 15.6630,
6.1785


264.7579,
227.3449, 170.0148


 15.3828, 9.2860,
2.8834


 49.3207, 36.0122,
18.7843


 9.1766, 4.9282,
1.0354


 66.9576, 50.7531,
28.9321

 4.9146, 2.2052,
0.0000

 88.3655, 69.0508,
42.2011

 2.2315, 0.7228,
0.0000

 113.9098, 91.2897,
59.0100

 0.7592, 0.0000,
0.0000

 143.9558,
117.8542, 79.7773

 0.0000, 0.0000,
0.0000

 178.8689,

149.1286, 104.9215

219.0145,
185.4973, 134.8612

■ 23.8987, 15.6630,
6.1785

■ 23.8987, 15.6630,
6.1785

■ 22.5189, 13.5768,
3.6431

■ 25.7667, 18.4419,
9.7524

■ 21.5801, 12.1197,
2.0338

■ 28.1620, 21.9645,
14.4597

■ 21.0231, 11.2194,
1.1896

■ 31.1209, 26.2801,
20.3856

■ 20.9286, 11.0706,
1.0338

■ 34.6763, 31.4329,
27.6068

■ 38.8584, 37.4639,
36.1937

■ 43.6954, 44.4114,
46.2116

■ 49.2139, 52.3115,
57.7218

■ 55.4389, 61.1983,
70.7818

■ 62.3941, 71.1040,
85.4462

Harmonies

Analogous

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



26.0758, 15.6630, 15.3243



23.8987, 15.6630, 6.1785



19.3102, 15.6630, 2.6516

Triad

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



23.8987, 15.6630, 6.1785



8.0617, 15.6630, 7.8940



15.5218, 15.6630, 59.1350

Complementary

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



23.8987, 15.6630, 6.1785



26.7223, 36.0644, 53.1294

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.



11.1971, 15.6630, 53.3245



23.8987, 15.6630, 6.1785



7.4681, 15.6630, 18.9099

Square

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



23.8987, 15.6630, 6.1785



10.3244, 15.6630, 3.2042



8.4846, 15.6630, 36.3658



20.6282, 15.6630, 49.5836

Rectangle

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



23.8987, 15.6630, 6.1785



15.8857, 15.6630, 1.9838



8.4846, 15.6630, 36.3658



13.9315, 15.6630, 58.9337

Sweetspot

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



23.8991, 15.6639, 6.1788



68.2056, 64.7019, 61.0230



30.3851, 17.2198, 43.5351



14.2034, 13.2451, 12.1695



90.7827, 95.5105, 104.0109



18.6292, 19.5994, 21.3438

Same Dimension

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



23.8991, 15.6639, 6.1788



39.9061, 23.2106, 5.0148



30.2568, 28.3794, 8.2980



9.5949, 9.6657, 9.9366



14.2733, 7.5854, 0.7118



0.5819, 0.3427, 0.0355

Inverse Universe

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



26.7223, 36.0644, 53.1294



45.2384, 62.4483, 95.8956



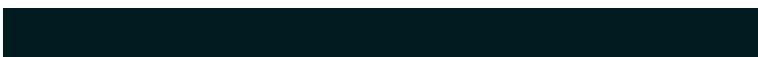
17.0095, 16.6388, 49.8918



9.7360, 10.6642, 12.2175



16.2138, 22.5393, 35.8889



0.6561, 0.9249, 1.4128

Previews

White Background



This preview shows how the XYZ color 23.8987, 15.6630, 6.1785 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 23.8987, 15.6630, 6.1785 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 23.8987, 15.6630, 6.1785

Background



This preview shows how black text looks on a background with the XYZ color 23.8987, 15.6630, 6.1785.



This preview shows how white text looks on a background with the XYZ color 23.8987, 15.6630,

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

23.8987, 15.6630, 6.1785

Protanopia

14.7002, 15.8699, 8.9450

Deuteranopia

16.1602, 15.9023, 5.8321



Tritanopia

24.4125, 15.6935, 8.2210

Trichromacy



Original Color

23.8987, 15.6630, 6.1785

Protanomaly

17.0572, 15.0113, 7.7928

Deuteranomaly

18.4515, 15.3687, 5.8649

Tritanomaly

24.3137, 15.7550, 7.3898

Monochromacy



Original Color

23.8987, 15.6630, 6.1785

Achromatopsia

13.4271, 14.1263, 15.3836

Achromatomaly

15.7092, 13.7009, 11.2678

CSS Examples

Text

The CSS property to change the color of the text to XYZ 23.8987, 15.6630, 6.1785 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(188, 72, 61)` looks like.

```
.text, #text, p{  
    color:rgb(188, 72, 61)  
}
```

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(188, 72, 61) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(188, 72, 61) }
```

Border

The CSS property to change the border of an element to XYZ 23.8987, 15.6630, 6.1785 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(188, 72, 61) }
```


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

```
.border{ border-color:rgb(188, 72, 61) }
```

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

Here you see how a box with a 4 pixel rgb(188, 72, 61) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(188, 72, 61); -webkit-box-  
shadow:4px 4px 4px 4px rgb(188, 72, 61);  
box-shadow:4px 4px 4px 4px rgb(188, 72,  
61) }
```

Background

The CSS property to change the background color of an element to XYZ 23.8987, 15.6630, 6.1785 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(188, 72, 61) }
```

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

```
.background{ background-color: rgb(188, 72,  
61) }
```

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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