

Converting Colors

XYZ(23.1313, 14.7371, 5.2398)

Have a look what the booklet for
XYZ(23.1313, 14.7371, 5.2398)
contains.

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Color

**XYZ(23.1313, 14.7371,
5.2398)**

Conversions

Conversions Part 1

| Format | Color |
|---------------|----------------------------|
| Hex | BB4237 |
| RGB | 187, 66, 55 |
| RGB Percent | 73%, 26%, 22% |
| CMY | 0.2667, 0.7411, 0.7843 |
| CMYK | 0.00, 0.65, 0.71, 0.27 |
| HSL | 5°, 55%, 47% |
| HSV | 5°, 71%, 73% |
| XYZ | 23.1313, 14.7371, 5.2398 |
| YIQ | 100.9250, 75.6470, 22.2310 |

Conversions

Conversions Part 2

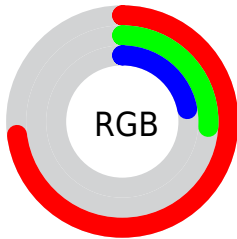
| Format | Color |
|-------------------------------------|--------------------------------|
| R_{YB} | 187, 67, 55 |
| Decimal | 12272183 |
| CIE _{Lab} | 45.27, 48.07, 32.89 |
| CIE _{LCh} | 45, 58.244, 34.386 |
| Yxy | 14.7371, 0.5366, 0.3419 |
| Android (android.graphics.Color) | 4290462263 (0xFFBB4237) |
| YUV | 100.9250, -22.6410, 75.4878 |
| Hunter-Lab | 38.3889, 40.3748, 18.7796 |

Details

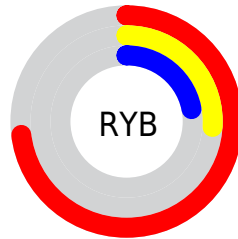
The XYZ color **23.1313, 14.7371, 5.2398** is a dark color, and the websafe version is hex **CC3333**. A complement of this color would be **26.0688, 35.4474, 52.4814**, and the grayscale version is **12.3939, 13.0394, 14.1999**.

A 20% lighter version of the original color is **48.1817, 34.5320, 16.6963**, and **8.8188, 4.5386, 0.7591** is the 20% darker color. If you saturate the color by 10%, you get **21.9092, 12.8795, 3.0245**, and if you desaturate by 10%, it is **24.8240, 17.2644, 8.4498**.

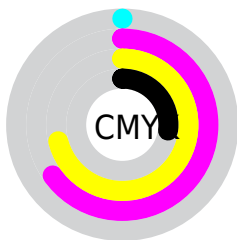
Distribution



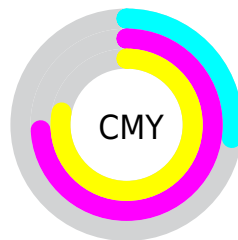
- Red (73%)
- Green (26%)
- Blue (22%)



- Red (73%)
- Yellow (26%)
- Blue (22%)



- Cyan (0%)
- Magenta (65%)
- Yellow (71%)
- Black (27%)





- Cyan (27%)
- Magenta (74%)
- Yellow (78%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 23.1313, 14.7371, 5.2398 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 23.1313, 14.7371, 5.2398 by changing the saturation by 10% instead.


 23.1313, 14.7371,
5.2398


 23.1313, 14.7371,
5.2398


260.9214,
221.7694, 161.1439


 14.8117, 8.6351,
2.3274


 48.0739, 34.3913,
16.7809

 8.7728, 4.5039,
0.7465


 65.4276, 48.7123,
26.2468


 4.6492, 1.9593,
0.0000

 86.5235, 66.5417,
38.7342

 2.0756, 0.5836,
0.0000

 111.7267, 88.2640,
54.6617

 0.6759, 0.0000,
0.0000

 141.4028,
114.2635, 74.4479

 0.0000, 0.0000,
0.0000

 175.9170,

144.9246, 98.5113

215.6348,
180.6318, 127.2705

■ 23.1313, 14.7371,
5.2398

■ 23.1313, 14.7371,
5.2398

■ 21.9092, 12.8795,
3.0245

■ 24.8240, 17.2644,
8.4498

■ 21.1085, 11.6255,
1.6867

■ 27.0276, 20.5144,
12.7524

■ 20.6727, 10.9234,
1.0189

■ 29.7796, 24.5376,
18.2346

■ 33.1133, 29.3793,
24.9744

■ 37.0597, 35.0814,
33.0431

■ 41.6472, 41.6827,
42.5068

■ 46.9028, 49.2199,
53.4270

■ 52.8517, 57.7275,
65.8617

■ 59.5179, 67.2383,
79.8656

Harmonies

Analogous

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



25.4280, 14.7371, 14.1008



23.1313, 14.7371, 5.2398



18.4075, 14.7371, 2.0402

Triad

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



23.1313, 14.7371, 5.2398



7.2023, 14.7371, 7.0900



14.7279, 14.7371, 59.7222

Complementary

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



23.1313, 14.7371, 5.2398



26.0688, 35.4474, 52.4814

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.



10.3707, 14.7371, 53.8487



23.1313, 14.7371, 5.2398



6.6499, 14.7371, 18.1627

Square

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



23.1313, 14.7371, 5.2398



9.3982, 14.7371, 2.5976



7.6668, 14.7371, 36.1873



19.9199, 14.7371, 49.4260

Rectangle

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



23.1313, 14.7371, 5.2398



14.9334, 14.7371, 1.4750



7.6668, 14.7371, 36.1873



13.1200, 14.7371, 59.6033

Sweetspot

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



23.1316, 14.7379, 5.2400



65.8037, 62.0083, 58.0089



29.6960, 16.4317, 42.6804



14.0399, 13.0042, 11.8495



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.



23.1316, 14.7379, 5.2400



38.3239, 21.6438, 3.8540



29.4342, 27.3430, 7.3409



9.5924, 9.6608, 9.9358



14.2665, 7.5718, 0.7096



0.5808, 0.3405, 0.0351

Inverse Universe

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



26.0688, 35.4474, 52.4814



43.7504, 60.6998, 93.6118



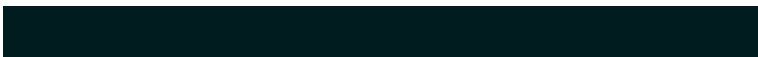
16.1211, 15.5519, 49.1654



9.7387, 10.6697, 12.2184



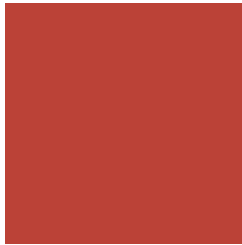
16.2927, 22.6971, 35.9152



0.6585, 0.9296, 1.4136

Previews

White Background



This preview shows how the XYZ color 23.1313, 14.7371, 5.2398 looks on a white background.

Color Contrast Check

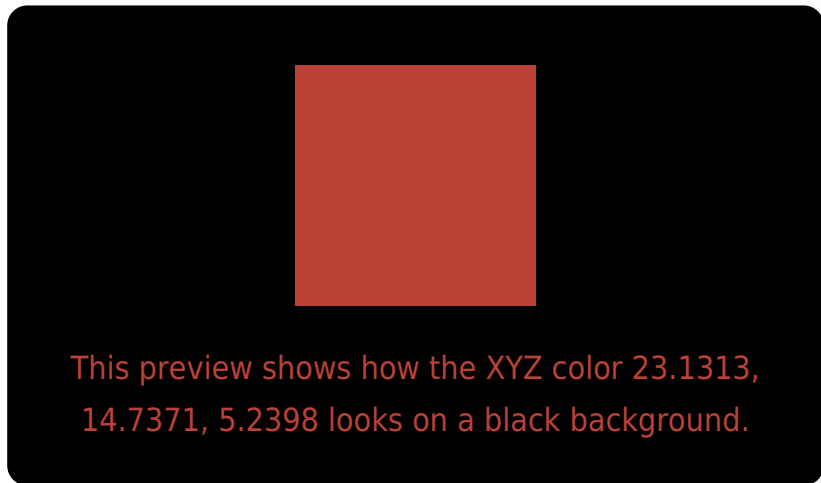
Large Text (above 18pt) WCAG AA ✓ Pass

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

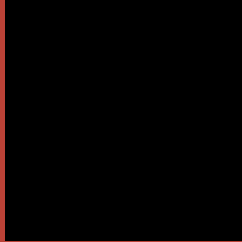
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 23.1313, 14.7371, 5.2398

Background



This preview shows how black text looks on a background with the XYZ color 23.1313, 14.7371, 5.2398.



This preview shows how white text looks on a background with the XYZ color 23.1313, 14.7371,

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

23.1313, 14.7371, 5.2398

Protanopia

13.8042, 14.9492, 7.9523

Deuteranopia

15.2153, 14.9822, 4.8862



Tritanopia

23.6158, 14.7755, 7.0761

Trichromacy



Original Color

23.1313, 14.7371, 5.2398

Protanomaly

16.0238, 13.9611, 6.8512

Deuteranomaly

17.3906, 14.3236, 4.9801

Tritanomaly

23.5265, 14.8308, 6.3253

Monochromacy



Original Color

23.1313, 14.7371, 5.2398

Achromatopsia

12.3695, 13.0136, 14.1719

Achromatomaly

14.6057, 12.5251, 10.0353

CSS Examples

Text

The CSS property to change the color of the text to XYZ 23.1313, 14.7371, 5.2398 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(187, 66, 55)` looks like.

```
.text, #text, p{  
    color:rgb(187, 66, 55)  
}
```

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(187, 66, 55) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(187, 66, 55) }
```

Border

The CSS property to change the border of an element to XYZ 23.1313, 14.7371, 5.2398 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(187, 66, 55) }
```


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

```
.border{ border-color:rgb(187, 66, 55) }
```

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

Here you see how a box with a 4 pixel rgb(187, 66, 55) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(187, 66, 55); -webkit-box-  
shadow:4px 4px 4px 4px rgb(187, 66, 55);  
box-shadow:4px 4px 4px 4px rgb(187, 66,  
55) }
```

Background

The CSS property to change the background color of an element to XYZ 23.1313, 14.7371, 5.2398 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(187, 66, 55) }
```

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

```
.background{ background-color: rgb(187, 66,  
55) }
```

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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