

Converting Colors

XYZ(23.7878, 14.3780, 5.4826)

Have a look what the booklet for
XYZ(23.7878, 14.3780, 5.4826)
contains.

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Color

**XYZ(23.7127, 14.3081,
5.5149)**

Conversions

Conversions Part 1

Format	Color
Hex	BF393A
RGB	191, 57, 58
RGB Percent	75%, 22%, 23%
CMY	0.2510, 0.7764, 0.7725
CMYK	0.00, 0.70, 0.70, 0.25
HSL	360°, 54%, 49%
HSV	360°, 70%, 75%
XYZ	23.7127, 14.3081, 5.5149
YIQ	97.1800, 79.5430, 28.7190

Conversions

Conversions Part 2

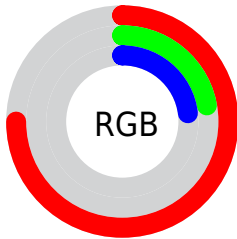
Format	Color
R_{YB}	191, 57, 58
Decimal	12532026
CIE _{Lab}	44.67, 53.25, 30.61
CIE _{LCh}	45, 61.418, 29.891
Yxy	14.3081, 0.5447, 0.3287
Android (android.graphics.Color)	4290722106 (0xFFBF393A)
YUV	97.1800, -19.3157, 82.2801
Hunter-Lab	37.8260, 45.7039, 17.8340

Details

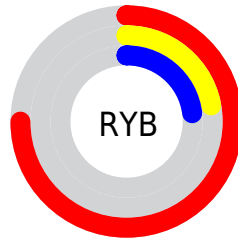
The XYZ color **23.7127, 14.3081, 5.5149** is a dark color, and the websafe version is hex **CC3333**. A complement of this color would be **29.6137, 41.8496, 55.2368**, and the grayscale version is **11.4397, 12.0355, 13.1066**.

A 20% lighter version of the original color is **48.8520, 33.4909, 17.2542**, and **9.2994, 4.7832, 0.9233** is the 20% darker color. If you saturate the color by 10%, you get **22.5428, 12.6035, 3.1677**, and if you desaturate by 10%, it is **25.4158, 16.7955, 8.9159**.

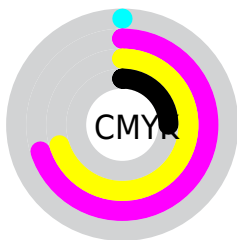
Distribution



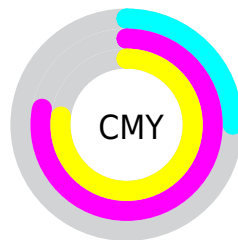
- Red (75%)
- Green (22%)
- Blue (23%)



- Red (75%)
- Yellow (22%)
- Blue (23%)



- Cyan (0%)
- Magenta (70%)
- Yellow (70%)
- Black (25%)





- Cyan (25%)
- Magenta (78%)
- Yellow (77%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 23.7127, 14.3081, 5.5149 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 23.7127, 14.3081, 5.5149 by changing the saturation by 10% instead.


 23.7127, 14.3081,
5.5149


 23.7127, 14.3081,
5.5149


263.8323,
219.1392, 163.8129


 15.2442, 8.3353,
2.4885


 49.0191, 33.6347,
17.3753


 9.0784, 4.3102,
0.8340


 66.5876, 47.7573,
27.0464

 4.8499, 1.8486,
0.0000

 87.9203, 65.3652,
39.7695

 2.1933, 0.5172,
0.0000

 113.3824, 86.8429,
55.9630

 0.7392, 0.0000,
0.0000

 143.3393,
112.5748, 76.0456

 0.0000, 0.0000,
0.0000

 178.1563,

142.9452, 100.4357

218.1989,
178.3385, 129.5520

■ 23.7127, 14.3081,
5.5149

■ 23.7127, 14.3081,
5.5149

■ 22.5428, 12.6035,
3.1677

■ 25.4158, 16.7955,
8.9159

■ 21.8424, 11.5864,
1.7509

■ 27.7043, 20.1414,
13.4740

■ 21.4935, 11.0794,
1.0463

■ 30.6253, 24.4157,
19.2809

■ 34.2209, 29.6801,
26.4191

■ 38.5294, 35.9914,
34.9640

■ 43.5865, 43.4017,
44.9852

■ 49.4252, 51.9598,
56.5478

■ 56.0768, 61.7117,
69.7131

■ 63.5707, 72.7007,
84.5389

Harmonies

Analogous

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



25.6075, 14.3081, 15.6314



23.7127, 14.3081, 5.5149



18.9946, 14.3081, 1.8564

Triad

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



23.7127, 14.3081, 5.5149



6.8806, 14.3081, 5.4698



13.5812, 14.3081, 62.2850

Complementary

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



23.7127, 14.3081, 5.5149



29.6137, 41.8496, 55.2368

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.



9.3369, 14.3081, 53.4162



23.7127, 14.3081, 5.5149



6.0919, 14.3081, 15.5269

Square

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



23.7127, 14.3081, 5.5149



9.3615, 14.3081, 1.8437



6.8690, 14.3081, 33.6461



18.9551, 14.3081, 53.5350

Rectangle

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



23.7127, 14.3081, 5.5149



15.3515, 14.3081, 1.1706



6.8690, 14.3081, 33.6461



11.9860, 14.3081, 61.2182

Sweetspot

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



23.7130, 14.3089, 5.5151



68.0276, 63.0265, 60.6797



31.7958, 17.4777, 50.9876



14.4452, 13.1177, 12.3470



92.9021, 97.7402, 106.4391



19.4759, 20.4902, 22.3138

Same Dimension

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



23.7130, 14.3089, 5.5151



39.6281, 21.4879, 4.1671



29.1559, 25.2347, 7.2062



9.5330, 9.5375, 9.9296



14.1266, 7.2818, 0.6946



0.5543, 0.2856, 0.0324

Inverse Universe

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



23.7130, 14.3089, 5.5151



39.6281, 21.4879, 4.1671



18.5830, 19.6142, 52.0964



9.5330, 9.5375, 9.9296



14.1266, 7.2818, 0.6946



0.5543, 0.2856, 0.0324

Previews

White Background



This preview shows how the XYZ color 23.7127, 14.3081, 5.5149 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 23.7127, 14.3081, 5.5149 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 23.7127, 14.3081, 5.5149

Background



This preview shows how black text looks on a background with the XYZ color 23.7127, 14.3081, 5.5149.



This preview shows how white text looks on a background with the XYZ color 23.7127, 14.3081,

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

23.7127, 14.3081, 5.5149

Protanopia

13.5288, 14.4747, 8.9183

Deuteranopia

14.5895, 14.3629, 5.0210



Tritanopia

23.7384, 14.3184, 5.6502

Trichromacy



Original Color

23.7127, 14.3081, 5.5149

Protanomaly

15.8916, 13.2488, 7.3499

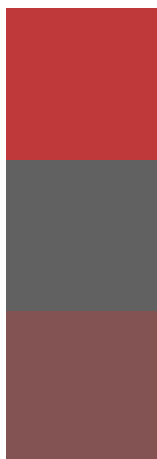
Deuteranomaly

17.0280, 13.5263, 5.0815

Tritanomaly

23.7384, 14.3184, 5.6502

Monochromacy



Original Color

23.7127, 14.3081, 5.5149

Achromatopsia

11.3621, 11.9538, 13.0177

Achromatomaly

13.9387, 11.4844, 9.6657

CSS Examples

Text

The CSS property to change the color of the text to XYZ 23.7127, 14.3081, 5.5149 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(191, 57, 58)` looks like.

```
.text, #text, p{  
    color:rgb(191, 57, 58)  
}
```

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(191, 57, 58) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(191, 57, 58) }
```

Border

The CSS property to change the border of an element to XYZ 23.7127, 14.3081, 5.5149 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(191, 57, 58) }
```


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

```
.border{ border-color:rgb(191, 57, 58) }
```

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

Here you see how a box with a 4 pixel rgb(191, 57, 58) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(191, 57, 58); -webkit-box-  
shadow:4px 4px 4px 4px rgb(191, 57, 58);  
box-shadow:4px 4px 4px 4px rgb(191, 57,  
58) }
```

Background

The CSS property to change the background color of an element to XYZ 23.7127, 14.3081, 5.5149 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(191, 57, 58) }
```

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

```
.background{ background-color: rgb(191, 57,  
58) }
```

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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