

Converting Colors

XYZ(23.4373, 14.1698, 5.3707)

Have a look what the booklet for
XYZ(23.4373, 14.1698, 5.3707)
contains.

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Color

**XYZ(23.4369, 14.1688,
5.3705)**

Conversions

Conversions Part 1

Format	Color
Hex	BE3939
RGB	190, 57, 57
RGB Percent	75%, 22%, 22%
CMY	0.2549, 0.7764, 0.7765
CMYK	0.00, 0.70, 0.70, 0.25
HSL	0°, 54%, 48%
HSV	0°, 70%, 75%
XYZ	23.4369, 14.1688, 5.3705
YIQ	96.7670, 79.2680, 28.1960

Conversions

Conversions Part 2

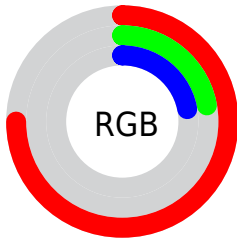
Format	Color
R _Y B	190, 57, 57
Decimal	12466489
CIE Lab	44.47, 52.87, 30.92
CIE LCh	44, 61.251, 30.317
Yxy	14.1688, 0.5453, 0.3297
Android (android.graphics.Color)	4290656569 (0xFFBE3939)
YUV	96.7670, -19.6051, 81.7653
Hunter-Lab	37.6415, 45.2678, 17.8898

Details

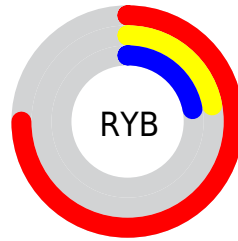
The XYZ color **23.4369, 14.1688, 5.3705** is a dark color, and the websafe version is hex **CC3333**. A complement of this color would be **29.3933, 41.4110, 55.1590**, and the grayscale version is **11.3388, 11.9293, 12.9910**.

A 20% lighter version of the original color is **48.4377, 33.2833, 16.9681**, and **9.1395, 4.7016, 0.8777** is the 20% darker color. If you saturate the color by 10%, you get **22.2784, 12.4739, 3.0673**, and if you desaturate by 10%, it is **25.1246, 16.6388, 8.7250**.

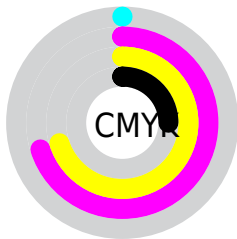
Distribution



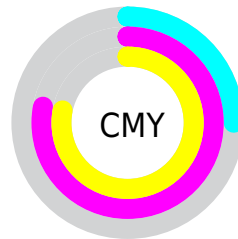
- Red (75%)
- Green (22%)
- Blue (22%)



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



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





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

Brightness & Saturation Gradients

These gradients show how the XYZ color 23.4369, 14.1688, 5.3705 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 23.4369, 14.1688, 5.3705 by changing the saturation by 10% instead.


 23.4369, 14.1688,
5.3705


 23.4369, 14.1688,
5.3705


262.4548,
218.2784, 162.4197


 15.0389, 8.2382,
2.4037


 48.5711, 33.3882,
17.0641


 8.9332, 4.2477,
0.7885


 66.0381, 47.4458,
26.6281

 4.7544, 1.8131,
0.0000

 87.2587, 64.9812,
39.2282

 2.1372, 0.4953,
0.0000

 112.5984, 86.3787,
55.2830

 0.7093, 0.0000,
0.0000

 142.4225,
112.0228, 75.2109

 0.0000, 0.0000,
0.0000

 177.0963,

142.2979, 99.4307

216.9853,
177.5883, 128.3608

■ 23.4369, 14.1688,
5.3705

■ 23.4369, 14.1688,
5.3705

■ 22.2784, 12.4739,
3.0673

■ 25.1246, 16.6388,
8.7250

■ 21.5857, 11.4602,
1.6905

■ 27.3935, 19.9589,
13.2353

■ 21.2353, 10.9474,
0.9939

■ 30.2903, 24.1978,
18.9939

■ 21.2353, 10.9474,
0.9938

■ 33.8569, 29.4167,
26.0841

■ 38.1314, 35.6715,
34.5816

■ 43.1491, 43.0139,
44.5567

■ 48.9430, 51.4920,
56.0749

■ 55.5441, 61.1512,
69.1978

■ 62.9817, 72.0344,
83.9837

Harmonies

Analogous

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



25.3657, 14.1688, 15.2773



23.4369, 14.1688, 5.3705



18.7364, 14.1688, 1.8110

Triad

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



23.4369, 14.1688, 5.3705



6.7885, 14.1688, 5.5006



13.5197, 14.1688, 61.7143

Complementary

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



23.4369, 14.1688, 5.3705



29.3933, 41.4110, 55.1590

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.



9.2917, 14.1688, 53.1544



23.4369, 14.1688, 5.3705



6.0297, 14.1688, 15.5785

Square

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



23.4369, 14.1688, 5.3705



9.2208, 14.1688, 1.8473



6.8218, 14.1688, 33.6240



18.8501, 14.1688, 52.8116

Rectangle

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



23.4369, 14.1688, 5.3705



15.1277, 14.1688, 1.1505



6.8218, 14.1688, 33.6240



11.9326, 14.1688, 60.7444

Sweetspot

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



23.4372, 14.1696, 5.3707



67.9847, 63.0104, 60.4501



31.9925, 17.5911, 50.4243



14.4350, 13.1139, 12.2926



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.



23.4372, 14.1696, 5.3707



39.6021, 21.4782, 4.0283



29.1189, 25.5329, 7.2646



9.5302, 9.5365, 9.9151



14.1203, 7.2794, 0.6608



0.5531, 0.2852, 0.0259

Inverse Universe

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



29.3933, 41.4110, 55.1590



51.0654, 73.9080, 99.8534



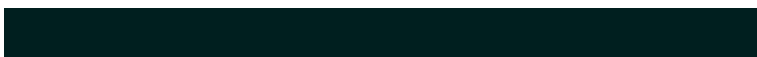
18.1268, 18.8779, 51.4035



9.8086, 10.8095, 12.2417



18.4225, 26.9567, 36.6251



0.7216, 1.0559, 1.4346

Previews

White Background



This preview shows how the XYZ color 23.4369, 14.1688, 5.3705 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 23.4369, 14.1688, 5.3705

Background



This preview shows how black text looks on a background with the XYZ color 23.4369, 14.1688, 5.3705.



This preview shows how white text looks on a background with the XYZ color 23.4369, 14.1688,

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

23.4369, 14.1688, 5.3705

Protanopia

13.3635, 14.3935, 8.7305

Deuteranopia

14.5681, 14.3544, 4.9086



Tritanopia

23.4877, 14.1892, 5.6385

Trichromacy



Original Color

23.4369, 14.1688, 5.3705

Protanomaly

15.6884, 13.1476, 7.1797

Deuteranomaly

16.8172, 13.4203, 4.9528

Tritanomaly

23.4621, 14.1789, 5.5032

Monochromacy



Original Color

23.4369, 14.1688, 5.3705

Achromatopsia

11.3621, 11.9538, 13.0177

Achromatomaly

13.9004, 11.4691, 9.4638

CSS Examples

Text

The CSS property to change the color of the text to XYZ 23.4369, 14.1688, 5.3705 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(190, 57, 57)` looks like.

```
.text, #text, p{  
    color:rgb(190, 57, 57)  
}
```

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(190, 57, 57) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(190, 57, 57) }
```

Border

The CSS property to change the border of an element to XYZ 23.4369, 14.1688, 5.3705 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(190, 57, 57) }
```


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

```
.border{ border-color:rgb(190, 57, 57) }
```

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

Here you see how a box with a 4 pixel `rgb(190, 57, 57)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(190, 57, 57); -webkit-box-  
shadow:4px 4px 4px 4px rgb(190, 57, 57);  
box-shadow:4px 4px 4px 4px rgb(190, 57,  
57) }
```

Background

The CSS property to change the background color of an element to XYZ 23.4369, 14.1688, 5.3705 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(190, 57, 57) }
```

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

```
.background{ background-color: rgb(190, 57,  
57) }
```

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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