

Converting Colors

XYZ(23.6136, 15.7117, 7.5573)

Have a look what the booklet for
XYZ(23.6136, 15.7117, 7.5573)
contains.

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Color

**XYZ(23.5619, 15.6540,
7.5740)**

Conversions

Conversions Part 1

Format	Color
Hex	B94A46
RGB	185, 74, 70
RGB Percent	73%, 29%, 27%
CMY	0.2745, 0.7098, 0.7255
CMYK	0.00, 0.60, 0.62, 0.27
HSL	2°, 45%, 50%
HSV	2°, 62%, 73%
XYZ	23.5619, 15.6540, 7.5740
YIQ	106.7330, 67.4400, 22.2880

Conversions

Conversions Part 2

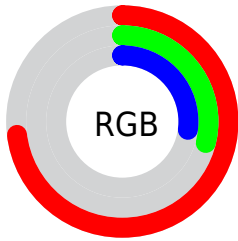
Format	Color
R_{YB}	185, 74, 70
Decimal	12143174
CIE _{Lab}	46.52, 44.62, 25.54
CIE _{LCh}	47, 51.413, 29.780
Yxy	15.6540, 0.5036, 0.3346
Android (android.graphics.Color)	4290333254 (0xFFB94A46)
YUV	106.7330, -18.1094, 68.6402
Hunter-Lab	39.5651, 37.0616, 16.3456

Details

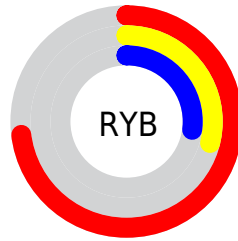
The XYZ color **23.5619, 15.6540, 7.5740** is a dark color, and the websafe version is hex **993333**. A complement of this color would be **27.8055, 37.8503, 51.7393**, and the grayscale version is **13.9372, 14.6630, 15.9680**.

A 20% lighter version of the original color is **48.8654, 36.0796, 21.5281**, and **9.0025, 4.9156, 1.5112** is the 20% darker color. If you saturate the color by 10%, you get **22.0377, 13.4007, 4.6152**, and if you desaturate by 10%, it is **25.6050, 18.6576, 11.5933**.

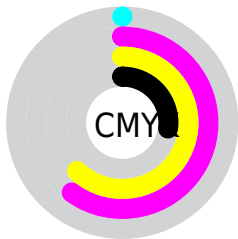
Distribution



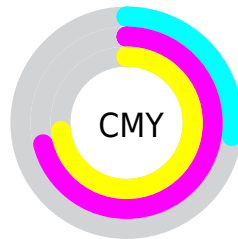
- Red (73%)
- Green (29%)
- Blue (27%)



- Red (73%)
- Yellow (29%)
- Blue (27%)



- Cyan (0%)
- Magenta (60%)
- Yellow (62%)
- Black (27%)



- Cyan (27%)
- Magenta (71%)
- Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 23.5619, 15.6540, 7.5740 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 23.5619, 15.6540, 7.5740 by changing the saturation by 10% instead.

■ 23.5619, 15.6540,
7.5740

■ 23.5619, 15.6540,
7.5740

263.0798,
227.2913, 182.1594

■ 15.1319, 9.2797,
3.7398

■ 48.7742, 35.9965,
21.6512

■ 8.9989, 4.9240,
1.4837

■ 66.2873, 50.7334,
32.7312

■ 4.7976, 2.2028,
0.2057

■ 87.5588, 69.0266,
47.0636

■ 2.1625, 0.7215,
0.0000

■ 112.9540, 91.2606,
65.0668

■ 0.7229, 0.0000,
0.0000

■ 142.8384,
117.8196, 87.1595

■ 0.0000, 0.0000,
0.0000

177.5773,

149.0882, 113.7601

217.5359,
185.4506, 145.2873

■ 23.5619, 15.6540,
7.5740

■ 23.5619, 15.6540,
7.5740

■ 22.0377, 13.4007,
4.6152

■ 25.6050, 18.6576,
11.5933

■ 20.9847, 11.8293,
2.6161

■ 28.2069, 22.4668,
16.7599

■ 20.3483, 10.8633,
1.4579

■ 31.4049, 27.1350,
23.1525

■ 20.0775, 10.4542,
0.9597

■ 35.2327, 32.7100,
30.8425

■ 39.7215, 39.2362,
39.8959

■ 44.9004, 46.7551,
50.3745

■ 50.7970, 55.3058,
62.3358

■ 57.4370, 64.9252,
75.8346

■ 64.8451, 75.6484,
90.9226

Harmonies

Analogous

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



25.1230, 15.6540, 17.1385



23.5619, 15.6540, 7.5740



19.5899, 15.6540, 3.4623

Triad

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



23.5619, 15.6540, 7.5740



8.6663, 15.6540, 7.4798



14.8459, 15.6540, 54.9175

Complementary

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



23.5619, 15.6540, 7.5740



27.8055, 37.8503, 51.7393

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.



10.9906, 15.6540, 47.9997



23.5619, 15.6540, 7.5740



7.8839, 15.6540, 16.9509

Square

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



23.5619, 15.6540, 7.5740



11.0371, 15.6540, 3.4300



8.6435, 15.6540, 32.2546



19.5219, 15.6540, 48.1869

Rectangle

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



23.5619, 15.6540, 7.5740



16.4415, 15.6540, 2.5459



8.6435, 15.6540, 32.2546



13.4182, 15.6540, 54.0780

Sweetspot

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



23.5623, 15.6549, 7.5743



65.2707, 61.7391, 59.6081



30.5554, 18.0377, 45.6769



13.6050, 12.6318, 11.9117



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.



23.5623, 15.6549, 7.5743



38.6062, 22.7166, 6.6145



29.2743, 27.0788, 9.4783



9.0290, 9.0610, 9.3800



13.6822, 7.1407, 0.6572



0.4909, 0.2688, 0.0260

Inverse Universe

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



27.8055, 37.8503, 51.7393



46.8057, 65.7580, 92.4303



18.4488, 19.1369, 48.6203



9.2391, 10.1555, 11.5527



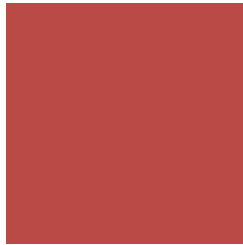
16.8901, 24.2399, 35.0416



0.6038, 0.8713, 1.2381

Previews

White Background



This preview shows how the XYZ color 23.5619, 15.6540, 7.5740 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 23.5619, 15.6540, 7.5740 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 23.5619, 15.6540, 7.5740

Background



This preview shows how black text looks on a background with the XYZ color 23.5619, 15.6540, 7.5740.



This preview shows how white text looks on a background with the XYZ color 23.5619, 15.6540,

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

23.5619, 15.6540, 7.5740

Protanopia

14.7953, 15.8763, 10.8790

Deuteranopia

16.0711, 15.8291, 7.0588



Tritanopia

23.7297, 15.6152, 8.7845

Trichromacy



Original Color

23.5619, 15.6540, 7.5740

Protanomaly

16.9710, 15.0653, 9.6028

Deuteranomaly

18.1229, 15.1711, 7.1274

Tritanomaly

23.6262, 15.5738, 8.2394

Monochromacy



Original Color

23.5619, 15.6540, 7.5740

Achromatopsia

13.9749, 14.7027, 16.0113

Achromatomaly

16.1043, 14.1435, 12.4708

CSS Examples

Text

The CSS property to change the color of the text to XYZ 23.5619, 15.6540, 7.5740 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(185, 74, 70)` looks like.

```
.text, #text, p{  
    color:rgb(185, 74, 70)  
}
```

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(185, 74, 70) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(185, 74, 70) }
```

Border

The CSS property to change the border of an element to XYZ 23.5619, 15.6540, 7.5740 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(185, 74, 70) }
```


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

```
.border{ border-color:rgb(185, 74, 70) }
```

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

Here you see how a box with a 4 pixel `rgb(185, 74, 70)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(185, 74, 70); -webkit-box-  
shadow:4px 4px 4px 4px rgb(185, 74, 70);  
box-shadow:4px 4px 4px 4px rgb(185, 74,  
70) }
```

Background

The CSS property to change the background color of an element to XYZ 23.5619, 15.6540, 7.5740 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(185, 74, 70) }
```

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

```
.background{ background-color: rgb(185, 74,  
70) }
```

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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