

Converting Colors

XYZ(23.9816, 15.1621, 7.5759)

Have a look what the booklet for
XYZ(23.9816, 15.1621, 7.5759)
contains.

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Color

**XYZ(24.0718, 15.1702,
7.6206)**

Conversions

Conversions Part 1

Format	Color
Hex	BD4247
RGB	189, 66, 71
RGB Percent	74%, 26%, 28%
CMY	0.2588, 0.7411, 0.7216
CMYK	0.00, 0.65, 0.62, 0.26
HSL	358°, 48%, 50%
HSV	358°, 65%, 74%
XYZ	24.0718, 15.1702, 7.6206
YIQ	103.3470, 71.7030, 27.6310

Conversions

Conversions Part 2

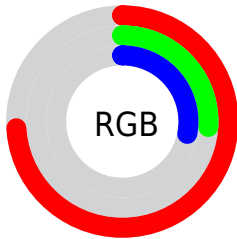
Format	Color
R_{YB}	189, 66, 71
Decimal	12403271
CIE _{Lab}	45.87, 49.68, 24.24
CIE _{LCh}	46, 55.279, 26.014
Yxy	15.1702, 0.5137, 0.3237
Android (android.graphics.Color)	4290593351 (0xFFBD4247)
YUV	103.3470, -15.9471, 75.1177
Hunter-Lab	38.9489, 42.1586, 15.6638

Details

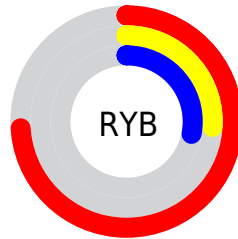
The XYZ color **24.0718, 15.1702, 7.6206** is a dark color, and the websafe version is hex **993333**. A complement of this color would be **29.0973, 41.0145, 51.7344**, and the grayscale version is **13.0125, 13.6901, 14.9086**.

A 20% lighter version of the original color is **49.4706, 35.0888, 21.6182**, and **9.2629, 4.7510, 1.5274** is the 20% darker color. If you saturate the color by 10%, you get **22.6465, 13.1163, 4.6903**, and if you desaturate by 10%, it is **26.0362, 18.0248, 11.5874**.

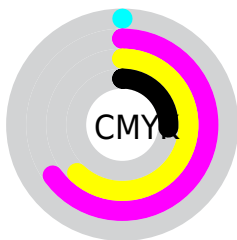
Distribution



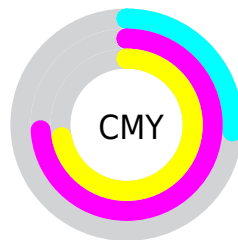
- Red (74%)
- Green (26%)
- Blue (28%)



- Red (74%)
- Yellow (26%)
- Blue (28%)



- Cyan (0%)
- Magenta (65%)
- Yellow (62%)
- Black (26%)



- Cyan (26%)
- Magenta (74%)
- Yellow (72%)
- Black (26%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 24.0718, 15.1702, 7.6206 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 24.0718, 15.1702, 7.6206 by changing the saturation by 10% instead.

■ 24.0718, 15.1702,
7.6206

■ 24.0718, 15.1702,
7.6206

265.6170,
224.3941, 182.5472

■ 15.5119, 8.9389,
3.7689

■ 49.6012, 35.1515,
21.7450

■ 9.2681, 4.7014,
1.4994

■ 67.3014, 49.6703,
32.8548

■ 4.9750, 2.0731,
0.2175

■ 88.7790, 67.7204,
47.2209

■ 2.2672, 0.6495,
0.0000

■ 114.3995, 89.6862,
65.2621

■ 0.7778, 0.0000,
0.0000

■ 144.5282,
115.9520, 87.3968

■ 0.0000, 0.0000,
0.0000

179.5305,

146.9024, 114.0435

219.7716,
182.9216, 145.6208

■ 24.0718, 15.1702,
7.6206

■ 24.0718, 15.1702,
7.6206

■ 22.6465, 13.1163,
4.6903

■ 26.0362, 18.0248,
11.5874

■ 21.7058, 11.7789,
2.6991

■ 28.5850, 21.7479,
16.6745

■ 21.1853, 11.0601,
1.5323

■ 31.7601, 26.4032,
22.9582

■ 21.0282, 10.8356,
1.2035

■ 35.5992, 32.0476,
30.5077

■ 40.1369, 38.7335,
39.3870

■ 45.4056, 46.5097,
49.6558

■ 51.4356, 55.4217,
61.3702

■ 58.2553, 65.5127,
74.5831

■ 65.8920, 76.8234,
89.3448

Harmonies

Analogous

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



25.3415, 15.1702, 18.3680



24.0718, 15.1702, 7.6206



20.0345, 15.1702, 3.0636

Triad

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



24.0718, 15.1702, 7.6206



8.1884, 15.1702, 5.9196



13.8044, 15.1702, 57.6634

Complementary

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



24.0718, 15.1702, 7.6206



29.0973, 41.0145, 51.7344

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.



9.9648, 15.1702, 48.2725



24.0718, 15.1702, 7.6206



7.1959, 15.1702, 14.7962

Square

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



24.0718, 15.1702, 7.6206



10.8327, 15.1702, 2.5189



7.7684, 15.1702, 30.5352



18.7200, 15.1702, 52.0141

Rectangle

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



24.0718, 15.1702, 7.6206



16.6964, 15.1702, 2.0292



7.7684, 15.1702, 30.5352



12.3584, 15.1702, 56.0693

Sweetspot

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



24.0722, 15.1711, 7.6208



67.4634, 62.8535, 61.8979



30.6267, 17.6204, 49.9307



14.0294, 12.8118, 12.3741



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.



24.0722, 15.1711, 7.6208



39.7577, 22.3450, 6.7186



28.8502, 24.9732, 8.4552



9.5454, 9.5425, 9.9953



14.1554, 7.2933, 0.8460



0.5599, 0.2879, 0.0617

Inverse Universe

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



24.0722, 15.1711, 7.6208



39.7577, 22.3450, 6.7186



19.9098, 21.7872, 51.2998



9.5454, 9.5425, 9.9953



14.1554, 7.2933, 0.8460



0.5599, 0.2879, 0.0617

Previews

White Background



This preview shows how the XYZ color 24.0718, 15.1702, 7.6206 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 24.0718, 15.1702, 7.6206 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 24.0718, 15.1702, 7.6206

Background



This preview shows how black text looks on a background with the XYZ color 24.0718, 15.1702, 7.6206.



This preview shows how white text looks on a background with the XYZ color 24.0718, 15.1702,

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

24.0718, 15.1702, 7.6206

Protanopia

14.4743, 15.3716, 11.6553

Deuteranopia

15.5773, 15.2688, 7.1272



Tritanopia

24.0400, 15.1574, 7.4530

Trichromacy



Original Color

24.0718, 15.1702, 7.6206

Protanomaly

16.7650, 14.2775, 9.8549

Deuteranomaly

17.8062, 14.4899, 7.1685

Tritanomaly

24.0400, 15.1574, 7.4530

Monochromacy



Original Color

24.0718, 15.1702, 7.6206

Achromatopsia

12.8919, 13.5633, 14.7705

Achromatomaly

15.3760, 13.1360, 11.6226

CSS Examples

Text

The CSS property to change the color of the text to XYZ 24.0718, 15.1702, 7.6206 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(189, 66, 71)` looks like.

```
.text, #text, p{  
    color:rgb(189, 66, 71)  
}
```

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(189, 66, 71) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(189, 66, 71) }
```

Border

The CSS property to change the border of an element to XYZ 24.0718, 15.1702, 7.6206 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(189, 66, 71) }
```


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

```
.border{ border-color:rgb(189, 66, 71) }
```

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

Here you see how a box with a 4 pixel `rgb(189, 66, 71)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(189, 66, 71); -webkit-box-  
shadow:4px 4px 4px 4px rgb(189, 66, 71);  
box-shadow:4px 4px 4px 4px rgb(189, 66,  
71) }
```

Background

The CSS property to change the background color of an element to XYZ 24.0718, 15.1702, 7.6206 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(189, 66, 71) }
```

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

```
.background{ background-color: rgb(189, 66,  
71) }
```

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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