

Converting Colors

XYZ(24.5135, 15.3119, 7.6247)

Have a look what the booklet for
XYZ(24.5135, 15.3119, 7.6247)
contains.

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Color

**XYZ(24.5135, 15.3119,
7.6247)**

Conversions

Conversions Part 1

Format	Color
Hex	BF4147
RGB	191, 65, 71
RGB Percent	75%, 25%, 28%
CMY	0.2510, 0.7451, 0.7216
CMYK	0.00, 0.66, 0.63, 0.25
HSL	357°, 50%, 50%
HSV	357°, 66%, 75%
XYZ	24.5135, 15.3119, 7.6247
YIQ	103.3580, 73.1700, 28.5780

Conversions

Conversions Part 2

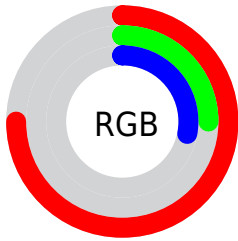
Format	Color
R_{YB}	191, 65, 71
Decimal	12534087
CIE Lab	46.06, 50.77, 24.56
CIE LCh	46, 56.403, 25.815
Yxy	15.3119, 0.5166, 0.3227
Android (android.graphics.Color)	4290724167 (0xFFBF4147)
YUV	103.3580, -15.9525, 76.8620
Hunter-Lab	39.1304, 43.3442, 15.8384

Details

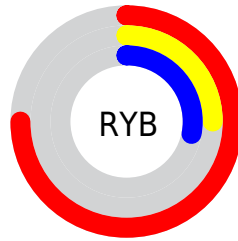
The XYZ color **24.5135, 15.3119, 7.6247** is a dark color, and the websafe version is hex **993333**. A complement of this color would be **29.5689, 41.8886, 52.4298**, and the grayscale version is **13.0151, 13.6929, 14.9116**.

A 20% lighter version of the original color is **50.4346, 35.4082, 21.6290**, and **9.5697, 4.9091, 1.5418** is the 20% darker color. If you saturate the color by 10%, you get **23.0974, 13.2784, 4.6908**, and if you desaturate by 10%, it is **26.4757, 18.1582, 11.6030**.

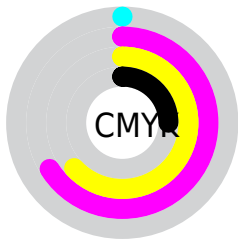
Distribution



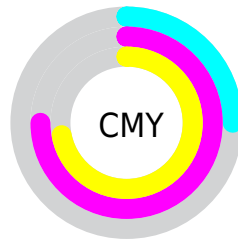
- Red (75%)
- Green (25%)
- Blue (28%)



- Red (75%)
- Yellow (25%)
- Blue (28%)



- Cyan (0%)
- Magenta (66%)
- Yellow (63%)
- Black (25%)





- Cyan (25%)
- Magenta (75%)
- Yellow (72%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 24.5135, 15.3119, 7.6247 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 24.5135, 15.3119, 7.6247 by changing the saturation by 10% instead.


 24.5135, 15.3119,
7.6247


 24.5135, 15.3119,
7.6247


267.7989,
225.2464, 182.5813


 15.8418, 9.0386,
3.7714


 50.3155, 35.3994,
21.7532


 9.5024, 4.7664,
1.5008


 68.1764, 49.9824,
32.8656

 5.1300, 2.1108,
0.2185

 89.8311, 68.1041,
47.2348

 2.3593, 0.6707,
0.0000

 115.6450, 90.1488,
65.2793

 0.8247, 0.0000,
0.0000

 145.9834,
116.5010, 87.4176

 0.0000, 0.0000,
0.0000

181.2116,

147.5451, 114.0684

221.6950,
183.6654, 145.6501

■ 24.5135, 15.3119,
7.6247

■ 24.5135, 15.3119,
7.6247

■ 23.0974, 13.2784,
4.6908

■ 26.4757, 18.1582,
11.6030

■ 22.1710, 11.9705,
2.7025

■ 29.0308, 21.8879,
16.7106

■ 21.6662, 11.2823,
1.5428

■ 32.2217, 26.5665,
23.0248

■ 21.5355, 11.0962,
1.2676

■ 36.0871, 32.2531,
30.6156

■ 40.6627, 39.0015,
39.5478

■ 45.9814, 46.8621,
49.8818

■ 52.0745, 55.8818,
61.6743

■ 58.9710, 66.1049,
74.9788

■ 66.6988, 77.5735,
89.8463

Harmonies

Analogous

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



25.8012, 15.3119, 18.6713



24.5135, 15.3119, 7.6247



20.3632, 15.3119, 2.9900

Triad

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



24.5135, 15.3119, 7.6247



8.1891, 15.3119, 5.8125



13.8919, 15.3119, 59.2143

Complementary

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



24.5135, 15.3119, 7.6247



29.5689, 41.8886, 52.4298

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.



9.9695, 15.3119, 49.3754



24.5135, 15.3119, 7.6247



7.1674, 15.3119, 14.8209

Square

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



24.5135, 15.3119, 7.6247



10.9014, 15.3119, 2.4189



7.7396, 15.3119, 30.9904



18.9418, 15.3119, 53.4510

Rectangle

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



24.5135, 15.3119, 7.6247



16.9281, 15.3119, 1.9487



7.7396, 15.3119, 30.9904



12.4120, 15.3119, 57.5229

Sweetspot

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



24.5139, 15.3128, 7.6249



69.1006, 64.3522, 63.5656



31.2300, 17.8201, 51.0836



14.6682, 13.3855, 12.9709



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.



24.5139, 15.3128, 7.6249



40.5555, 22.6283, 6.6787



29.3634, 25.3046, 8.3389



9.5481, 9.5435, 10.0091



14.1614, 7.2957, 0.8778



0.5611, 0.2883, 0.0679

Inverse Universe

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



24.5139, 15.3128, 7.6249



40.5555, 22.6283, 6.6787



20.1515, 22.0199, 52.4781



9.5481, 9.5435, 10.0091



14.1614, 7.2957, 0.8778



0.5611, 0.2883, 0.0679

Previews

White Background



This preview shows how the XYZ color 24.5135, 15.3119, 7.6247 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 24.5135, 15.3119, 7.6247 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

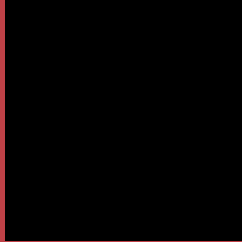
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 24.5135, 15.3119, 7.6247

Background



This preview shows how black text looks on a background with the XYZ color 24.5135, 15.3119, 7.6247.



This preview shows how white text looks on a background with the XYZ color 24.5135, 15.3119,

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

24.5135, 15.3119, 7.6247

Protanopia

14.6239, 15.6030, 11.9138

Deuteranopia

15.6786, 15.4713, 7.1609



Tritanopia

24.4503, 15.2866, 7.2922

Trichromacy



Original Color

24.5135, 15.3119, 7.6247

Protanomaly

16.8917, 14.4696, 10.0862

Deuteranomaly

17.9957, 14.5876, 7.1774

Tritanomaly

24.4816, 15.2992, 7.4571

Monochromacy



Original Color

24.5135, 15.3119, 7.6247

Achromatopsia

12.8919, 13.5633, 14.7705

Achromatomaly

15.4524, 13.0510, 11.6022

CSS Examples

Text

The CSS property to change the color of the text to XYZ 24.5135, 15.3119, 7.6247 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, 65, 71)` looks like.

```
.text, #text, p{  
    color:rgb(191, 65, 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(191, 65, 71) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(191, 65, 71) }
```

Border

The CSS property to change the border of an element to XYZ 24.5135, 15.3119, 7.6247 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, 65, 71) }
```


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

```
.border{ border-color:rgb(191, 65, 71) }
```

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

Here you see how a box with a 4 pixel `rgb(191, 65, 71)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(191, 65, 71); -webkit-box-  
shadow:4px 4px 4px 4px rgb(191, 65, 71);  
box-shadow:4px 4px 4px 4px rgb(191, 65,  
71) }
```

Background

The CSS property to change the background color of an element to XYZ 24.5135, 15.3119, 7.6247 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(191, 65, 71) }
```

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

```
.background{ background-color: rgb(191, 65,  
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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