

Converting Colors

XYZ(16.5860, 10.4047, 5.1851)

Have a look what the booklet for
XYZ(16.5860, 10.4047, 5.1851)
contains.

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Color

**XYZ(16.5801, 10.4174,
5.1399)**

Conversions

Conversions Part 1

Format	Color
Hex	A0363A
RGB	160, 54, 58
RGB Percent	63%, 21%, 23%
CMY	0.3726, 0.7882, 0.7725
CMYK	0.00, 0.66, 0.64, 0.37
HSL	358°, 50%, 42%
HSV	358°, 66%, 63%
XYZ	16.5801, 10.4174, 5.1399
YIQ	86.1500, 61.8920, 23.7160

Conversions

Conversions Part 2

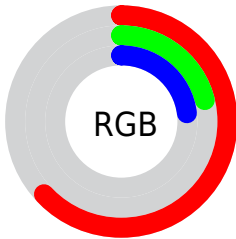
Format	Color
RYB	160, 54, 58
Decimal	10499642
CIELab	38.58, 44.11, 21.82
CIElCh	39, 49.213, 26.325
Yxy	10.4174, 0.5159, 0.3242
Android (android.graphics.Color)	4288689722 (0xFFA0363A)
YUV	86.1500, -13.8779, 64.7665
Hunter-Lab	32.2760, 35.2120, 13.1514

Details

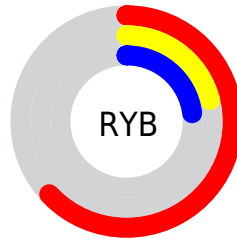
The XYZ color **16.5801, 10.4174, 5.1399** is a dark color, and the websafe version is hex **993333**. A complement of this color would be **20.0936, 28.3264, 35.8635**, and the grayscale version is **8.8971, 9.3604, 10.1935**.

A 20% lighter version of the original color is **37.2190, 26.5436, 16.5264**, and **5.5730, 2.8622, 0.7489** is the 20% darker color. If you saturate the color by 10%, you get **15.6193, 9.0317, 3.1676**, and if you desaturate by 10%, it is **17.9035, 12.3410, 7.8111**.

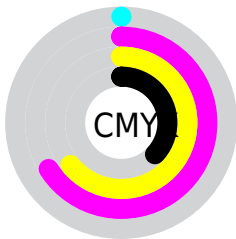
Distribution



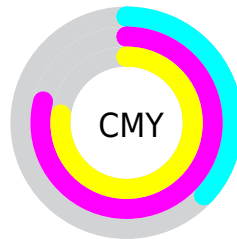
- Red (63%)
- Green (21%)
- Blue (23%)



- Red (63%)
- Yellow (21%)
- Blue (23%)



- Cyan (0%)
- Magenta (66%)
- Yellow (64%)
- Black (37%)





- Cyan (37%)
- Magenta (79%)
- Yellow (77%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 16.5801, 10.4174, 5.1399 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 16.5801, 10.4174, 5.1399 by changing the saturation by 10% instead.


 16.5801, 10.4174,
5.1399


 16.5801, 10.4174,
5.1399


225.9446,
193.6257, 160.1590


 10.0290, 5.6766,
2.2694


 37.1518, 26.5777,
16.5634


 5.4806, 2.6494,
0.7140

 51.9031, 38.7659,
25.9535


 2.5695, 0.9516,
0.0000

 70.1185, 54.2054,
38.3539

 0.9305, 0.0000,
0.0000

 92.1633, 73.2806,
54.1831

 0.0000, 0.0000,
0.0000

 118.4030, 96.3758,
73.8597

 149.2029,

123.8755, 97.8022

184.9283,
156.1640, 126.4291

■ 16.5801, 10.4174,
5.1399

■ 16.5801, 10.4174,
5.1399

■ 15.6193, 9.0317,
3.1676

■ 17.9035, 12.3410,
7.8111

■ 14.9844, 8.1277,
1.8285

■ 19.6200, 14.8480,
11.2379

■ 14.6275, 7.6300,
1.0435

■ 21.7576, 17.9809,
15.4718

■ 14.5302, 7.4868,
0.8524

■ 24.3416, 21.7780,
20.5594

■ 27.3953, 26.2744,
26.5441

■ 30.9404, 31.5027,
33.4660

■ 34.9973, 37.4934,
41.3631

■ 39.5851, 44.2755,
50.2711

■ 44.7220, 51.8763,
60.2239

Harmonies

Analogous

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



17.4868, 10.4174, 12.5221



16.5801, 10.4174, 5.1399



13.7619, 10.4174, 2.0436

Triad

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



16.5801, 10.4174, 5.1399



5.5784, 10.4174, 4.0602



9.5085, 10.4174, 39.9818

Complementary

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



16.5801, 10.4174, 5.1399



20.0936, 28.3264, 35.8635

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.



6.8402, 10.4174, 33.5320



16.5801, 10.4174, 5.1399



4.9049, 10.4174, 10.2399

Square

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



16.5801, 10.4174, 5.1399



7.3936, 10.4174, 1.7009



5.3111, 10.4174, 21.2059



12.9204, 10.4174, 35.9368

Rectangle

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



16.5801, 10.4174, 5.1399



11.4443, 10.4174, 1.3498



5.3111, 10.4174, 21.2059



8.5039, 10.4174, 38.9079

Sweetspot

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



16.5803, 10.4180, 5.1401



47.3408, 44.1692, 43.4956



21.1247, 12.1159, 34.4828



10.0650, 9.2195, 8.9169



76.7382, 80.7346, 87.9200



13.3056, 13.9985, 15.2444

Same Dimension

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



16.5803, 10.4180, 5.1401



27.7988, 15.5961, 4.5782



19.8854, 17.1845, 5.7597



6.6427, 6.6500, 6.9695



11.3226, 5.8336, 0.6838



0.2051, 0.1054, 0.0261

Inverse Universe

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



16.5803, 10.4180, 5.1401



27.7988, 15.5961, 4.5782



13.6944, 14.9778, 35.4268



6.6427, 6.6500, 6.9695



11.3226, 5.8336, 0.6838



0.2051, 0.1054, 0.0261

Previews

White Background



This preview shows how the XYZ color 16.5801, 10.4174, 5.1399 looks on a white background.

Color Contrast Check

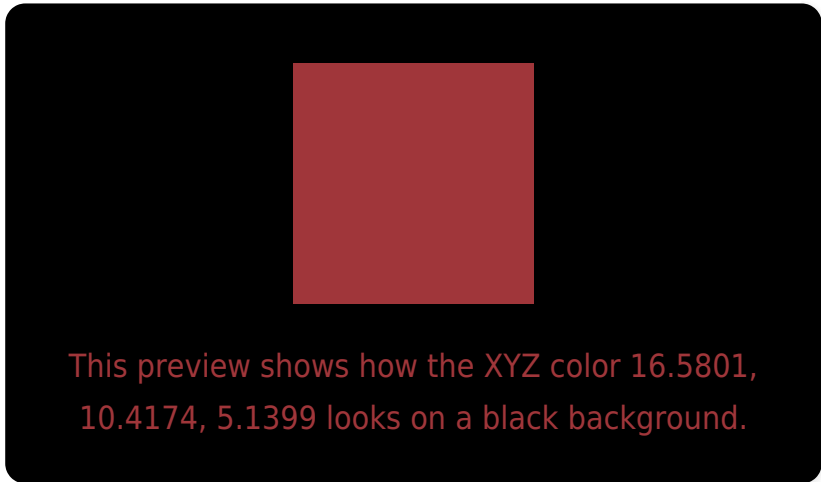
Large Text (above 18pt) WCAG AA ✓ Pass

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 16.5801, 10.4174, 5.1399

Background



This preview shows how black text looks on a background with the XYZ color 16.5801, 10.4174, 5.1399.



This preview shows how white text looks on a background with the XYZ color 16.5801, 10.4174,

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

16.5801, 10.4174, 5.1399

Protanopia

9.9595, 10.6767, 7.8392

Deuteranopia

10.8144, 10.6812, 4.8599



Tritanopia

16.5549, 10.4073, 5.0072

Trichromacy



Original Color

16.5801, 10.4174, 5.1399

Protanomaly

11.5135, 9.8592, 6.7650

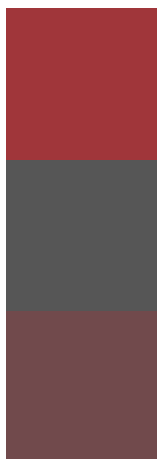
Deuteranomaly

12.3273, 10.1118, 4.9165

Tritanomaly

16.5549, 10.4073, 5.0072

Monochromacy



Original Color

16.5801, 10.4174, 5.1399

Achromatopsia

8.8453, 9.3059, 10.1341

Achromatomaly

10.5633, 8.9301, 8.0044

CSS Examples

Text

The CSS property to change the color of the text to XYZ 16.5801, 10.4174, 5.1399 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(160, 54, 58)` looks like.

```
.text, #text, p{  
  color:rgb(160, 54, 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(160, 54, 58) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(160, 54, 58) }
```

Border

The CSS property to change the border of an element to XYZ 16.5801, 10.4174, 5.1399 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(160, 54, 58) }
```


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

```
.border{ border-color:rgb(160, 54, 58) }
```

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

Here you see how a box with a 4 pixel `rgb(160, 54, 58)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(160, 54, 58); -webkit-box-  
shadow:4px 4px 4px 4px rgb(160, 54, 58);  
box-shadow:4px 4px 4px 4px rgb(160, 54,  
58) }
```

Background

The CSS property to change the background color of an element to XYZ 16.5801, 10.4174, 5.1399 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(160, 54, 58) }
```

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

```
.background{ background-color: rgb(160, 54,  
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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