

Converting Colors

XYZ(18.1343, 11.3745, 4.2577)

Have a look what the booklet for
XYZ(18.1343, 11.3745, 4.2577)
contains.

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Color

**XYZ(18.1383, 11.3835,
4.2588)**

Conversions

Conversions Part 1

Format	Color
Hex	A83832
RGB	168, 56, 50
RGB Percent	66%, 22%, 20%
CMY	0.3412, 0.7804, 0.8039
CMYK	0.00, 0.67, 0.70, 0.34
HSL	3°, 54%, 43%
HSV	3°, 70%, 66%
XYZ	18.1383, 11.3835, 4.2588
YIQ	88.8040, 68.6780, 21.8780

Conversions

Conversions Part 2

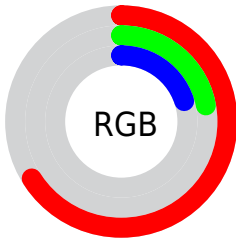
Format	Color
R_{YB}	168, 56, 50
Decimal	11024434
CIE _{Lab}	40.22, 45.54, 29.04
CIE _{LCh}	40, 54.013, 32.523
Yxy	11.3835, 0.5369, 0.3370
Android (android.graphics.Color)	4289214514 (0xFFA83832)
YUV	88.8040, -19.1304, 69.4549
Hunter-Lab	33.7394, 36.9174, 16.1337

Details

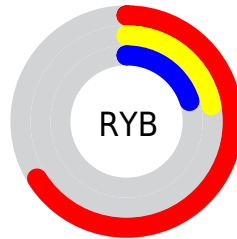
The XYZ color **18.1383, 11.3835, 4.2588** is a dark color, and the websafe version is hex **993333**. A complement of this color would be **21.3020, 29.3428, 41.5864**, and the grayscale version is **9.4831, 9.9770, 10.8649**.

A 20% lighter version of the original color is **39.9394, 28.4584, 14.6972**, and **6.3341, 3.2622, 0.4394** is the 20% darker color. If you saturate the color by 10%, you get **17.1865, 9.9575, 2.4698**, and if you desaturate by 10%, it is **19.4697, 13.3562, 6.8306**.

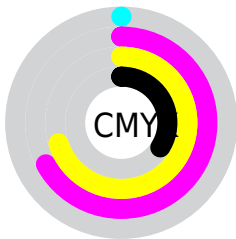
Distribution



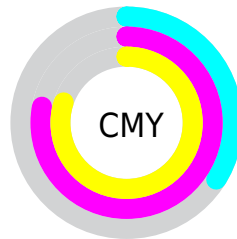
- Red (66%)
- Green (22%)
- Blue (20%)



- Red (66%)
- Yellow (22%)
- Blue (20%)



- Cyan (0%)
- Magenta (67%)
- Yellow (70%)
- Black (34%)





- Cyan (34%)
- Magenta (78%)
- Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 18.1383, 11.3835, 4.2588 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 18.1383, 11.3835, 4.2588 by changing the saturation by 10% instead.


 18.1383, 11.3835,
4.2588


 18.1383, 11.3835,
4.2588


234.6800,
200.2800, 151.0599


 11.1496, 6.3254,
1.7684


 39.8011, 28.3672,
14.6024


 6.2356, 3.0439,
0.4070


 55.2059, 41.0615,
23.2926


 3.0309, 1.1547,
0.0000

 74.1468, 57.0701,
34.8865

 1.1701, 0.0242,
0.0000

 96.9891, 76.7773,
49.8026

 0.0826, 0.0000,
0.0000

 124.0982,
100.5675, 68.4594

 0.0000, 0.0000,
0.0000

 155.8395,

128.8251, 91.2756

192.5783,
161.9345, 118.6695

■ 18.1383, 11.3835,
4.2588

■ 18.1383, 11.3835,
4.2588

■ 17.1865, 9.9575,
2.4698

■ 19.4697, 13.3562,
6.8306

■ 16.5739, 9.0215,
1.3738

■ 21.2142, 15.9212,
10.2606

■ 16.2411, 8.5104,
0.7867

■ 23.4023, 19.1214,
14.6157

■ 26.0617, 22.9954,
19.9562

■ 29.2176, 27.5785,
26.3374

■ 32.8935, 32.9038,
33.8103

■ 37.1115, 39.0021,
42.4227

■ 41.8921, 45.9025,
52.2194

■ 47.2551, 53.6327,
63.2429

Harmonies

Analogous

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



19.7766, 11.3835, 11.5047



18.1383, 11.3835, 4.2588



14.5129, 11.3835, 1.6022

Triad

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



18.1383, 11.3835, 4.2588



5.5865, 11.3835, 5.0818



11.1413, 11.3835, 46.7571

Complementary

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



18.1383, 11.3835, 4.2588



21.3020, 29.3428, 41.5864

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.



7.8131, 11.3835, 41.3636



18.1383, 11.3835, 4.2588



5.0818, 11.3835, 13.3294

Square

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



18.1383, 11.3835, 4.2588



7.3774, 11.3835, 1.8469



5.7940, 11.3835, 27.2056



15.1942, 11.3835, 39.3598

Rectangle

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



18.1383, 11.3835, 4.2588



11.7887, 11.3835, 1.1108



5.7940, 11.3835, 27.2056



9.9053, 11.3835, 46.3799

Sweetspot

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



18.1386, 11.3842, 4.2590



52.3159, 49.0242, 46.3659



23.8193, 13.2181, 35.5246



11.0609, 10.1893, 9.4139



80.6108, 84.8088, 92.3568



14.7206, 15.4872, 16.8656

Same Dimension

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



18.1386, 11.3842, 4.2590



30.5266, 17.0649, 3.2819



22.8433, 20.7936, 5.8272



7.5606, 7.6013, 7.8580



12.2764, 6.4500, 0.5979



0.3080, 0.1755, 0.0176

Inverse Universe

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



21.3020, 29.3428, 41.5864



36.5489, 51.5433, 75.2476



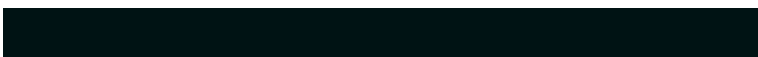
13.2434, 13.2256, 38.9002



7.7143, 8.4656, 9.6458



14.7696, 20.9994, 31.2503



0.3689, 0.5300, 0.7635

Previews

White Background



This preview shows how the XYZ color 18.1383, 11.3835, 4.2588 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 18.1383, 11.3835, 4.2588 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 18.1383, 11.3835, 4.2588

Background



This preview shows how black text looks on a background with the XYZ color 18.1383, 11.3835, 4.2588.



This preview shows how white text looks on a background with the XYZ color 18.1383, 11.3835,

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

18.1383, 11.3835, 4.2588

Protanopia

10.8172, 11.6790, 6.5346

Deuteranopia

11.6483, 11.5081, 3.8929



Tritanopia

18.2784, 11.3627, 5.2328

Trichromacy



Original Color

18.1383, 11.3835, 4.2588

Protanomaly

12.4842, 10.7127, 5.5474

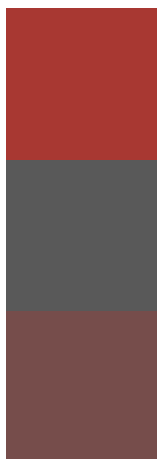
Deuteranomaly

13.3709, 10.8803, 3.9801

Tritanomaly

18.2042, 11.3330, 4.8425

Monochromacy



Original Color

18.1383, 11.3835, 4.2588

Achromatopsia

9.4954, 9.9899, 10.8790

Achromatomaly

11.3951, 9.6673, 7.9220

CSS Examples

Text

The CSS property to change the color of the text to XYZ 18.1383, 11.3835, 4.2588 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(168, 56, 50)` looks like.

```
.text, #text, p{  
    color:rgb(168, 56, 50)  
}
```

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(168, 56, 50) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(168, 56, 50) }
```

Border

The CSS property to change the border of an element to XYZ 18.1383, 11.3835, 4.2588 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(168, 56, 50) }
```


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

```
.border{ border-color:rgb(168, 56, 50) }
```

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

Here you see how a box with a 4 pixel rgb(168, 56, 50) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(168, 56, 50); -webkit-box-  
shadow:4px 4px 4px 4px rgb(168, 56, 50);  
box-shadow:4px 4px 4px 4px rgb(168, 56,  
50) }
```

Background

The CSS property to change the background color of an element to XYZ 18.1383, 11.3835, 4.2588 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(168, 56, 50) }
```

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

```
.background{ background-color: rgb(168, 56,  
50) }
```

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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