

Converting Colors

XYZ(18.2437, 15.3409, 8.3029)

Have a look what the booklet for
XYZ(18.2437, 15.3409, 8.3029)
contains.

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Color

**XYZ(18.2437, 15.3409,
8.3029)**

Conversions

Conversions Part 1

Format	Color
Hex	985F49
RGB	152, 95, 73
RGB Percent	60%, 37%, 29%
CMY	0.4039, 0.6274, 0.7137
CMYK	0.00, 0.37, 0.52, 0.40
HSL	17°, 35%, 44%
HSV	17°, 52%, 60%
XYZ	18.2437, 15.3409, 8.3029
YIQ	109.5350, 41.0340, 5.2420

Conversions

Conversions Part 2

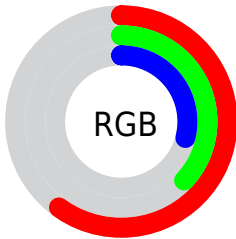
Format	Color
R_{YB}	152, 103, 73
Decimal	9985865
CIE Lab	46.10, 20.76, 22.25
CIE LCh	46, 30.433, 46.989
Yxy	15.3409, 0.4355, 0.3662
Android (android.graphics.Color)	4288175945 (0xFF985F49)
YUV	109.5350, -18.0118, 37.2418
Hunter-Lab	39.1675, 14.5999, 14.8487

Details

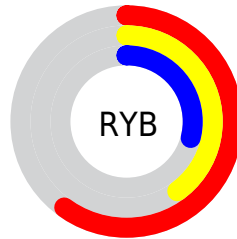
The XYZ color **18.2437, 15.3409, 8.3029** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **16.3973, 19.6477, 32.6337**, and the grayscale version is **14.7300, 15.4971, 16.8763**.

A 20% lighter version of the original color is **40.0862, 35.5182, 23.1553**, and **6.3157, 4.7993, 1.7559** is the 20% darker color. If you saturate the color by 10%, you get **16.8808, 13.3254, 5.6589**, and if you desaturate by 10%, it is **19.8696, 17.6854, 11.6426**.

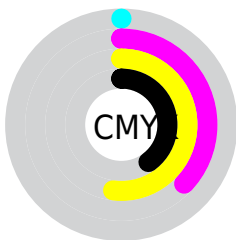
Distribution



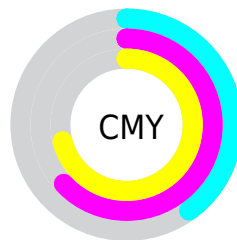
- Red (60%)
- Green (37%)
- Blue (29%)



- Red (60%)
- Yellow (40%)
- Blue (29%)



- Cyan (0%)
- Magenta (37%)
- Yellow (52%)
- Black (40%)





- Cyan (40%)
- Magenta (63%)
- Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 18.2437, 15.3409, 8.3029 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 18.2437, 15.3409, 8.3029 by changing the saturation by 10% instead.


 18.2437, 15.3409,
8.3029


 18.2437, 15.3409,
8.3029


235.2602,
225.4204, 188.1113


 11.2258, 9.0590,
4.1988


 39.9790, 35.4501,
23.1060


 6.2874, 4.7797,
1.7350


 55.4271, 50.0462,
34.6422

 3.0629, 2.1186,
0.3846

 74.4161, 68.1825,
49.4928

 1.1871, 0.6750,
0.0000

 97.3111, 90.2433,
68.0764

 0.0962, 0.0000,
0.0000

 124.4777,
116.6132, 90.8115

 0.0000, 0.0000,
0.0000

156.2812,

147.6764, 118.1166

193.0869,
183.8173, 150.4104

■ 18.2437, 15.3409,
8.3029

■ 18.2437, 15.3409,
8.3029

■ 16.8808, 13.3254,
5.6589

■ 19.8696, 17.6854,
11.6426

■ 15.7649, 11.6214,
3.6596

■ 21.7712, 20.3707,
15.7222

■ 14.8797, 10.2131,
2.2485

■ 23.9613, 23.4109,
20.5832

■ 14.2063, 9.0823,
1.3586

■ 26.4518, 26.8186,
26.2639

■ 13.7888, 8.3553,
0.8860

■ 29.2539, 30.6057,
32.7998

■ 32.3782, 34.7837,
40.2245

■ 35.8346, 39.3634,
48.5699

■ 39.6329, 44.3552,
57.8659

■ 43.7822, 49.7693,
68.1415

Harmonies

Analogous

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



19.8736, 15.3409, 12.8777



18.2437, 15.3409, 8.3029



15.7297, 15.3409, 6.3140

Triad

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



18.2437, 15.3409, 8.3029



10.2521, 15.3409, 13.6976



16.0831, 15.3409, 34.3649

Complementary

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



18.2437, 15.3409, 8.3029



16.3973, 19.6477, 32.6337

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.



13.4897, 15.3409, 34.7806



18.2437, 15.3409, 8.3029



10.3230, 15.3409, 21.2209

Square

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



18.2437, 15.3409, 8.3029



11.2382, 15.3409, 8.7494



11.4447, 15.3409, 29.4342



18.5287, 15.3409, 28.4258

Rectangle

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



18.2437, 15.3409, 8.3029



13.9842, 15.3409, 6.1792



11.4447, 15.3409, 29.4342



15.1947, 15.3409, 35.2060

Sweetspot

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



18.2441, 15.3417, 8.3032



44.7168, 44.6472, 41.8268



19.4236, 13.0775, 22.9495



9.9767, 9.8920, 9.0808



72.9764, 76.7769, 83.6100



11.9732, 12.5967, 13.7178

Same Dimension

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



18.2441, 15.3417, 8.3032



29.5305, 23.1207, 9.4937



22.6168, 24.0870, 9.7608



6.3419, 6.4889, 6.5241



11.5850, 7.0524, 0.7507



0.2009, 0.1608, 0.0204

Inverse Universe

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



16.3973, 19.6477, 32.6337



25.8736, 31.4786, 57.1460



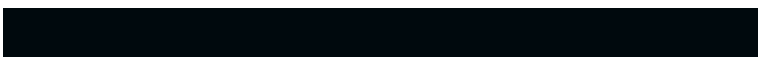
12.1935, 11.2401, 31.2325



6.2391, 6.7355, 7.9002



9.4238, 11.2444, 26.5814



0.1709, 0.2281, 0.4074

Previews

White Background



This preview shows how the XYZ color 18.2437, 15.3409, 8.3029 looks on a white background.

Color Contrast Check

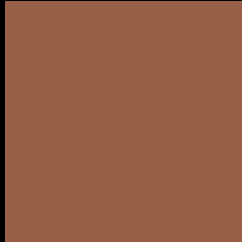
Large Text (above 18pt) WCAG AA ✓ Pass

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 18.2437, 15.3409, 8.3029 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 18.2437, 15.3409, 8.3029

Background



This preview shows how black text looks on a background with the XYZ color 18.2437, 15.3409, 8.3029.



This preview shows how white text looks on a background with the XYZ color 18.2437, 15.3409,

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

18.2437, 15.3409, 8.3029

Protanopia

14.4584, 15.5679, 9.6400

Deuteranopia

15.7046, 15.4636, 8.1183



Tritanopia

19.3582, 15.4062, 13.5087

Trichromacy



Original Color

18.2437, 15.3409, 8.3029

Protanomaly

15.5971, 15.3848, 9.1687

Deuteranomaly

16.4708, 15.2642, 8.2091

Tritanomaly

18.8544, 15.3223, 11.4150

Monochromacy



Original Color

18.2437, 15.3409, 8.3029

Achromatopsia

14.8208, 15.5926, 16.9804

Achromatomaly

15.6667, 15.3262, 13.4418

CSS Examples

Text

The CSS property to change the color of the text to XYZ 18.2437, 15.3409, 8.3029 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(152, 95, 73)` looks like.

```
.text, #text, p{  
    color:rgb(152, 95, 73)  
}
```

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(152, 95, 73) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(152, 95, 73) }
```

Border

The CSS property to change the border of an element to XYZ 18.2437, 15.3409, 8.3029 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(152, 95, 73) }
```


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

```
.border{ border-color:rgb(152, 95, 73) }
```

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

Here you see how a box with a 4 pixel rgb(152, 95, 73) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(152, 95, 73); -webkit-box-  
shadow:4px 4px 4px 4px rgb(152, 95, 73);  
box-shadow:4px 4px 4px 4px rgb(152, 95,  
73) }
```

Background

The CSS property to change the background color of an element to XYZ 18.2437, 15.3409, 8.3029 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(152, 95, 73) }
```

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

```
.background{ background-color: rgb(152, 95,  
73) }
```

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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