

Converting Colors

XYZ(16.4540, 10.8738, 2.5910)

Have a look what the booklet for
XYZ(16.4540, 10.8738, 2.5910)
contains.

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Color

**XYZ(16.3738, 10.8096,
2.5900)**

Conversions

Conversions Part 1

Format	Color
Hex	A03C20
RGB	160, 60, 32
RGB Percent	63%, 24%, 13%
CMY	0.3726, 0.7647, 0.8745
CMYK	0.00, 0.62, 0.80, 0.37
HSL	13°, 67%, 38%
HSV	13°, 80%, 63%
XYZ	16.3738, 10.8096, 2.5900
YIQ	86.7080, 68.5880, 12.4920

Conversions

Conversions Part 2

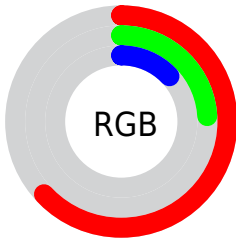
Format	Color
RYB	160, 68, 32
Decimal	10501152
CIELab	39.26, 40.03, 37.75
CIELCh	39, 55.025, 43.324
Yxy	10.8096, 0.5499, 0.3631
Android (android.graphics.Color)	4288691232 (0xFFA03C20)
YUV	86.7080, -26.9710, 64.2771
Hunter-Lab	32.8780, 31.3597, 18.3439

Details

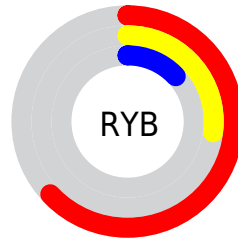
The XYZ color **16.3738, 10.8096, 2.5900** is a dark color, and the websafe version is hex **993300**. A complement of this color would be **15.1914, 19.3462, 36.1910**, and the grayscale version is **9.0426, 9.5135, 10.3602**.

A 20% lighter version of the original color is **36.8784, 27.2911, 10.5317**, and **5.3885, 2.8101, 0.2584** is the 20% darker color. If you saturate the color by 10%, you get **15.6276, 9.5848, 1.5167**, and if you desaturate by 10%, it is **17.3808, 12.3873, 4.2714**.

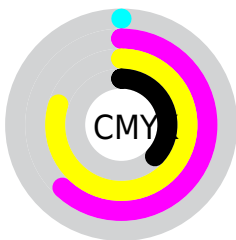
Distribution



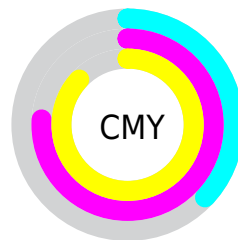
- Red (63%)
- Green (24%)
- Blue (13%)



- Red (63%)
- Yellow (27%)
- Blue (13%)



- Cyan (0%)
- Magenta (62%)
- Yellow (80%)
- Black (37%)





- Cyan (37%)
- Magenta (76%)
- Yellow (87%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 16.3738, 10.8096, 2.5900 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 16.3738, 10.8096, 2.5900 by changing the saturation by 10% instead.


 16.3738, 10.8096,
2.5900


 16.3738, 10.8096,
2.5900


224.7647,
196.3566, 130.9540


 9.8816, 5.9390,
0.8873


 36.7982, 27.3075,
10.5988

 5.3822, 2.8080,
0.0000

 51.4610, 39.7036,
17.7440


 2.5102, 1.0323,
0.0000

 69.5781, 55.3770,
27.5410

 0.9004, 0.0000,
0.0000

 91.5148, 74.7120,
40.4086

 0.0000, 0.0000,
0.0000

 117.6364, 98.0931,
56.7651

 148.3084,

125.9046, 77.0291

183.8961,
158.5310, 101.6193

16.3738, 10.8096,
2.5900

16.3738, 10.8096,
2.5900

15.6276, 9.5848,
1.5167

17.3808, 12.3873,
4.2714

15.0984, 8.6761,
0.8789

18.6715, 14.3415,
6.6348

15.0983, 8.6760,
0.8789

20.2666, 16.6956,
9.7441

22.1848, 19.4707,
13.6556

24.4433, 22.6863,
18.4202

■ 27.0577, 26.3606,
24.0845

■ 30.0431, 30.5109,
30.6918

■ 33.4133, 35.1535,
38.2824

■ 37.1816, 40.3039,
46.8946

Harmonies

Analogous

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



18.8776, 10.8096, 7.6680



16.3738, 10.8096, 2.5900



12.4560, 10.8096, 1.0494

Triad

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



16.3738, 10.8096, 2.5900



4.8512, 10.8096, 6.8340



12.0041, 10.8096, 44.8558

Complementary

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



16.3738, 10.8096, 2.5900



15.1914, 19.3462, 36.1910

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.



8.3633, 10.8096, 44.1065



16.3738, 10.8096, 2.5900



4.7861, 10.8096, 17.1227

Square

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



16.3738, 10.8096, 2.5900



6.1221, 10.8096, 2.2945



5.9158, 10.8096, 32.0389



15.9751, 10.8096, 33.7120

Rectangle

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



16.3738, 10.8096, 2.5900



9.8669, 10.8096, 0.8917



5.9158, 10.8096, 32.0389



10.6926, 10.8096, 46.1231

Sweetspot

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



16.3740, 10.8102, 2.5902



46.9287, 44.7806, 38.9328



19.1968, 10.1799, 22.8787



9.9491, 9.3383, 7.7974



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.



16.3740, 10.8102, 2.5902



27.6093, 16.0696, 1.8868



21.9321, 21.9264, 4.4429



6.7449, 6.8698, 6.9562



11.7895, 6.8145, 0.6940



0.2383, 0.1768, 0.0216

Inverse Universe

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



15.1914, 19.3462, 36.1910



25.1134, 31.6378, 65.1696



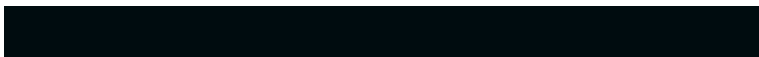
9.0242, 7.0118, 34.1353



6.6986, 7.2630, 8.4555



10.6881, 13.4678, 27.9435



0.2193, 0.2971, 0.5090

Previews

White Background



This preview shows how the XYZ color 16.3738, 10.8096, 2.5900 looks on a white background.

Color Contrast Check

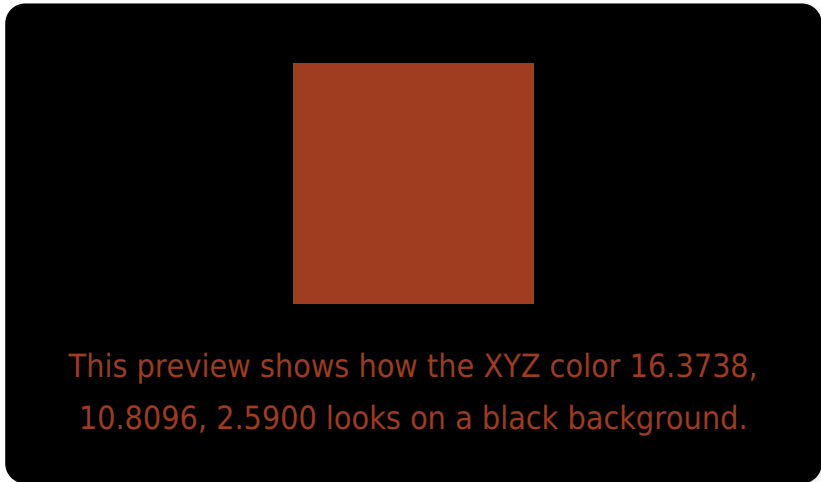
Large Text (above 18pt) WCAG AA ✓ Pass

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

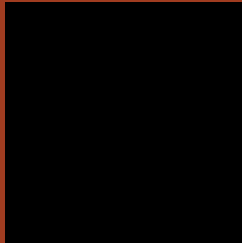
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 16.3738, 10.8096, 2.5900

Background



This preview shows how black text looks on a background with the XYZ color 16.3738, 10.8096, 2.5900.



This preview shows how white text looks on a background with the XYZ color 16.3738, 10.8096,

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

16.3738, 10.8096, 2.5900

Protanopia

10.0235, 10.9319, 3.6796

Deuteranopia

11.0632, 10.9885, 2.3485



Tritanopia

16.9767, 10.8296, 5.4705

Trichromacy



Original Color

16.3738, 10.8096, 2.5900

Protanomaly

11.6045, 10.3099, 3.2121

Deuteranomaly

12.5837, 10.5099, 2.3427

Tritanomaly

16.7867, 10.8335, 4.2239

Monochromacy



Original Color

16.3738, 10.8096, 2.5900

Achromatopsia

9.0590, 9.5307, 10.3790

Achromatomaly

10.6064, 9.2904, 6.5444

CSS Examples

Text

The CSS property to change the color of the text to XYZ 16.3738, 10.8096, 2.5900 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, 60, 32)` looks like.

```
.text, #text, p{  
  color:rgb(160, 60, 32)  
}
```

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, 60, 32) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(160, 60, 32) }
```

Border

The CSS property to change the border of an element to XYZ 16.3738, 10.8096, 2.5900 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, 60, 32) }
```


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

```
.border{ border-color:rgb(160, 60, 32) }
```

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

Here you see how a box with a 4 pixel `rgb(160, 60, 32)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(160, 60, 32); -webkit-box-  
shadow:4px 4px 4px 4px rgb(160, 60, 32);  
box-shadow:4px 4px 4px 4px rgb(160, 60,  
32) }
```

Background

The CSS property to change the background color of an element to XYZ 16.3738, 10.8096, 2.5900 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(160, 60, 32) }
```

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

```
.background{ background-color: rgb(160, 60,  
32) }
```

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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