

Converting Colors

XYZ(16.2899, 10.9206, 6.0398)

Have a look what the booklet for
XYZ(16.2899, 10.9206, 6.0398)
contains.

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Color

**XYZ(16.2205, 10.8937,
6.0983)**

Conversions

Conversions Part 1

Format	Color
Hex	9B3F40
RGB	155, 63, 64
RGB Percent	61%, 25%, 25%
CMY	0.3922, 0.7529, 0.7490
CMYK	0.00, 0.59, 0.59, 0.39
HSL	359°, 42%, 43%
HSV	359°, 59%, 61%
XYZ	16.2205, 10.8937, 6.0983
YIQ	90.6220, 54.5110, 19.8150

Conversions

Conversions Part 2

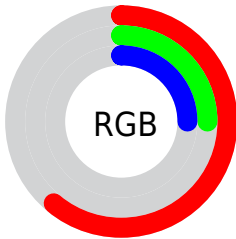
Format	Color
RYB	155, 63, 64
Decimal	10174272
CIELab	39.40, 38.54, 19.00
CIELCh	39, 42.971, 26.239
Yxy	10.8937, 0.4884, 0.3280
Android (android.graphics.Color)	4288364352 (0xFF9B3F40)
YUV	90.6220, -13.1246, 56.4595
Hunter-Lab	33.0056, 29.9634, 12.1492

Details

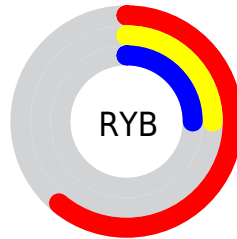
The XYZ color **16.2205, 10.8937, 6.0983** is a dark color, and the websafe version is hex **993333**. A complement of this color would be **19.6046, 26.8328, 34.7196**, and the grayscale version is **9.8787, 10.3932, 11.3182**.

A 20% lighter version of the original color is **36.6735, 27.5006, 18.7045**, and **5.2687, 2.8283, 1.0273** is the 20% darker color. If you saturate the color by 10%, you get **15.1018, 9.2612, 3.8608**, and if you desaturate by 10%, it is **17.7014, 13.0587, 9.0485**.

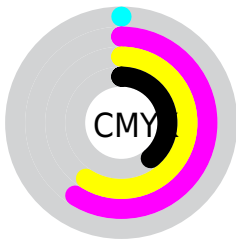
Distribution



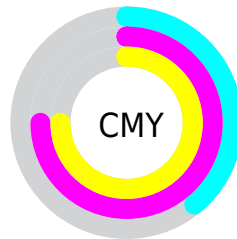
- Red (61%)
- Green (25%)
- Blue (25%)



- Red (61%)
- Yellow (25%)
- Blue (25%)



- Cyan (0%)
- Magenta (59%)
- Yellow (59%)
- Black (39%)





- Cyan (39%)
- Magenta (75%)
- Yellow (75%)
- Black (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 16.2205, 10.8937, 6.0983 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 16.2205, 10.8937, 6.0983 by changing the saturation by 10% instead.


 16.2205, 10.8937,
6.0983


 16.2205, 10.8937,
6.0983


223.8842,
196.9368, 169.2817


 9.7722, 5.9954,
2.8352


 36.5349, 27.4634,
18.6158


 5.3093, 2.8423,
1.0111

 51.1318, 39.9037,
28.7072


 2.4664, 1.0500,
0.0000

 69.1754, 55.6266,
41.9118

 0.8784, 0.0000,
0.0000

 91.0313, 75.0168,
58.6482

 0.0000, 0.0000,
0.0000

 117.0648, 98.4585,
79.3348

 147.6412,

126.3361, 104.3903

183.1259,
159.0341, 134.2330

■ 16.2205, 10.8937,
6.0983

■ 16.2205, 10.8937,
6.0983

■ 15.1018, 9.2612,
3.8608

■ 17.7014, 13.0587,
9.0485

■ 14.3134, 8.1135,
2.2753

■ 19.5711, 15.7950,
12.7641

■ 13.8196, 7.3980,
1.2720

■ 21.8545, 19.1396,
17.2936

■ 13.5431, 6.9962,
0.7133

■ 24.5746, 23.1262,
22.6812

■ 13.5267, 6.9722,
0.6810

■ 27.7522, 27.7857,
28.9681

■ 31.4071, 33.1473,
36.1926

■ 35.5579, 39.2382,
44.3910

■ 40.2220, 46.0845,
53.5975

■ 45.4163, 53.7108,
63.8449

Harmonies

Analogous

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



16.9931, 10.8937, 12.9428



16.2205, 10.8937, 6.0983



13.7814, 10.8937, 2.9098

Triad

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



16.2205, 10.8937, 6.0983



6.3677, 10.8937, 5.0039



9.9918, 10.8937, 36.0784

Complementary

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



16.2205, 10.8937, 6.0983



19.6046, 26.8328, 34.7196

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.



7.5481, 10.8937, 30.7678



16.2205, 10.8937, 6.0983



5.7182, 10.8937, 10.8420

Square

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



16.2205, 10.8937, 6.0983



8.0743, 10.8937, 2.5173



6.1062, 10.8937, 20.4398



13.0272, 10.8937, 32.7931

Rectangle

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



16.2205, 10.8937, 6.0983



11.7415, 10.8937, 2.1172



6.1062, 10.8937, 20.4398



9.0806, 10.8937, 35.1935

Sweetspot

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



16.2208, 10.8943, 6.0985



44.5424, 42.1963, 41.6725



20.9193, 12.7399, 32.3668



9.7567, 9.0742, 8.7885



74.8435, 78.7412, 85.7492



12.6291, 13.2868, 14.4694

Same Dimension

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



16.2208, 10.8943, 6.0985



26.5577, 15.8746, 5.9350



19.7216, 17.9410, 7.1269



6.2114, 6.2237, 6.4932



10.8657, 5.6005, 0.5519



0.1631, 0.0840, 0.0116

Inverse Universe

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



16.2208, 10.8943, 6.0985



26.5577, 15.8746, 5.9350



13.6005, 14.6913, 33.1292



6.2114, 6.2237, 6.4932



10.8657, 5.6005, 0.5519



0.1631, 0.0840, 0.0116

Previews

White Background



This preview shows how the XYZ color 16.2205, 10.8937, 6.0983 looks on a white background.

Color Contrast Check

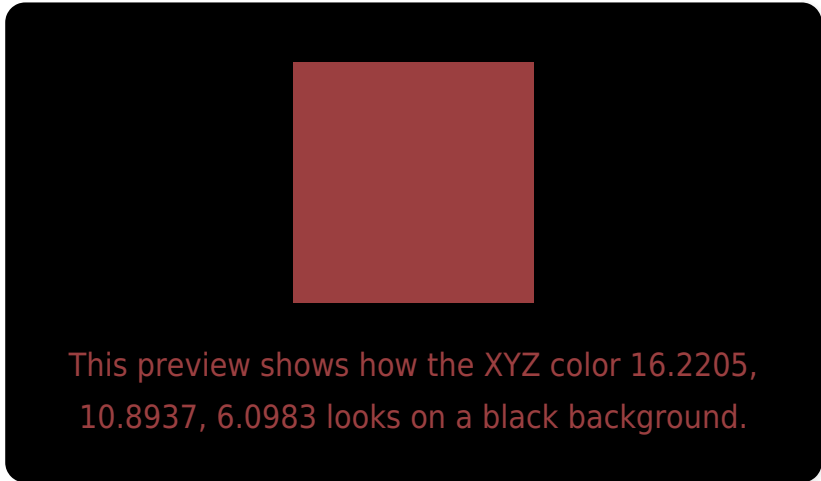
Large Text (above 18pt) WCAG AA ✓ Pass

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 16.2205, 10.8937, 6.0983

Background



This preview shows how black text looks on a background with the XYZ color 16.2205, 10.8937, 6.0983.

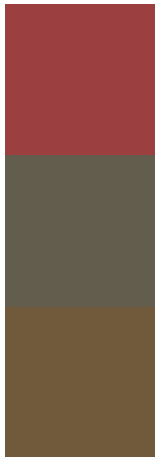


This preview shows how white text looks on a background with the XYZ color 16.2205, 10.8937,

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

16.2205, 10.8937, 6.0983

Protanopia

10.3995, 11.0172, 8.5996

Deuteranopia

11.1980, 10.9817, 5.8044



Tritanopia

16.3082, 10.9288, 6.5601

Trichromacy



Original Color

16.2205, 10.8937, 6.0983

Protanomaly

11.7947, 10.4244, 7.5214

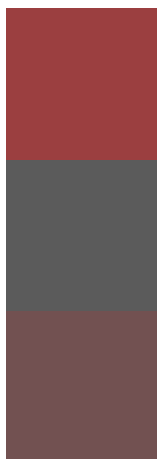
Deuteranomaly

12.6131, 10.6634, 5.8083

Tritanomaly

16.2784, 10.9169, 6.4035

Monochromacy



Original Color

16.2205, 10.8937, 6.0983

Achromatopsia

9.9438, 10.4616, 11.3927

Achromatomaly

11.3671, 10.0563, 9.1265

CSS Examples

Text

The CSS property to change the color of the text to XYZ 16.2205, 10.8937, 6.0983 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(155, 63, 64)` looks like.

```
.text, #text, p{  
    color:rgb(155, 63, 64)  
}
```

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(155, 63, 64) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(155, 63, 64) }
```

Border

The CSS property to change the border of an element to XYZ 16.2205, 10.8937, 6.0983 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(155, 63, 64) }
```


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

```
.border{ border-color:rgb(155, 63, 64) }
```

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

Here you see how a box with a 4 pixel rgb(155, 63, 64) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(155, 63, 64); -webkit-box-  
shadow:4px 4px 4px 4px rgb(155, 63, 64);  
box-shadow:4px 4px 4px 4px rgb(155, 63,  
64) }
```

Background

The CSS property to change the background color of an element to XYZ 16.2205, 10.8937, 6.0983 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(155, 63, 64) }
```

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

```
.background{ background-color: rgb(155, 63,  
64) }
```

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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