

Converting Colors

XYZ(16.2945, 10.5390, 8.1839)

Have a look what the booklet for
XYZ(16.2945, 10.5390, 8.1839)
contains.

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Color

**XYZ(16.2299, 10.5338,
8.1990)**

Conversions

Conversions Part 1

Format	Color
Hex	9A3B4D
RGB	154, 59, 77
RGB Percent	60%, 23%, 30%
CMY	0.3961, 0.7686, 0.6980
CMYK	0.00, 0.62, 0.50, 0.40
HSL	349°, 45%, 42%
HSV	349°, 62%, 60%
XYZ	16.2299, 10.5338, 8.1990
YIQ	89.4570, 50.8420, 25.7380

Conversions

Conversions Part 2

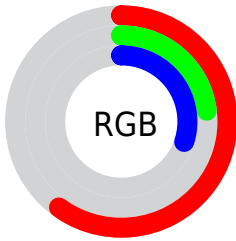
Format	Color
RYB	154, 59, 77
Decimal	10107725
CIELab	38.78, 41.26, 10.00
CIElCh	39, 42.450, 13.624
Yxy	10.5338, 0.4642, 0.3013
Android (android.graphics.Color)	4288297805 (0xFF9A3B4D)
YUV	89.4570, -6.1413, 56.6042
Hunter-Lab	32.4558, 32.4633, 7.7412

Details

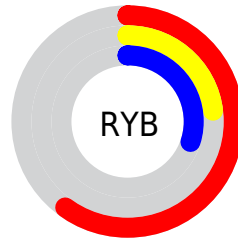
The XYZ color **16.2299, 10.5338, 8.1990** is a dark color, and the websafe version is hex **993333**. A complement of this color would be **17.8038, 25.8187, 27.3396**, and the grayscale version is **9.6027, 10.1028, 11.0019**.

A 20% lighter version of the original color is **36.6017, 26.8723, 22.9964**, and **5.3115, 2.7065, 1.6813** is the 20% darker color. If you saturate the color by 10%, you get **15.1526, 9.0182, 5.8701**, and if you desaturate by 10%, it is **17.6258, 12.5514, 11.0516**.

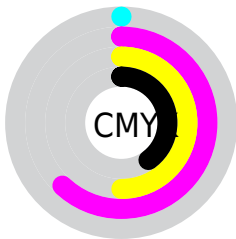
Distribution



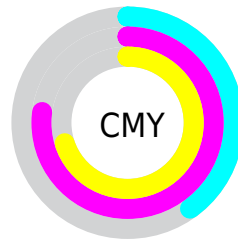
- Red (60%)
- Green (23%)
- Blue (30%)



- Red (60%)
- Yellow (23%)
- Blue (30%)



- Cyan (0%)
- Magenta (62%)
- Yellow (50%)
- Black (40%)





- Cyan (40%)
- Magenta (77%)
- Yellow (70%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 16.2299, 10.5338, 8.1990 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 16.2299, 10.5338, 8.1990 by changing the saturation by 10% instead.


 16.2299, 10.5338,
8.1990


 16.2299, 10.5338,
8.1990


223.9383,
194.4406, 187.2771

 9.7789, 5.7543,
4.1330


 36.5511, 26.7948,
22.9002


 5.3137, 2.6963,
1.6986

 51.1520, 39.0451,
34.3725


 2.4691, 0.9753,
0.3597

 69.2001, 54.5544,
49.1506

 0.8797, 0.0000,
0.0000

 91.0610, 73.7072,
67.6530

 0.0000, 0.0000,
0.0000

 117.0999, 96.8878,
90.2983

 147.6822,

124.4806, 117.5051

183.1732,
156.8701, 149.6919

■ 16.2299, 10.5338,
8.1990

■ 16.2299, 10.5338,
8.1990

■ 15.1526, 9.0182,
5.8701

■ 17.6258, 12.5514,
11.0516

■ 14.3671, 7.9585,
4.0319

■ 19.3627, 15.1083,
14.4572

■ 13.8432, 7.3031,
2.6478

■ 21.4618, 18.2403,
18.4434

■ 13.5502, 6.9595,
1.8027

■ 23.9422, 21.9797,
23.0359

■ 26.8219, 26.3562,
28.2587

■ 30.1174, 31.3977,
34.1346

■ 33.8447, 37.1304,
40.6852

■ 38.0186, 43.5791,
47.9311

■ 42.6533, 50.7673,
55.8920

Harmonies

Analogous

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



16.1375, 10.5338, 16.4052



16.2299, 10.5338, 8.1990



14.4514, 10.5338, 3.7668

Triad

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



16.2299, 10.5338, 8.1990



6.7297, 10.5338, 3.5223



8.5656, 10.5338, 33.6230

Complementary

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



16.2299, 10.5338, 8.1990



17.8038, 25.8187, 27.3396

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.



6.5900, 10.5338, 25.7884



16.2299, 10.5338, 8.1990



5.6737, 10.5338, 7.6387

Square

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



16.2299, 10.5338, 8.1990



8.7933, 10.5338, 2.0492



5.6279, 10.5338, 15.5112



11.3385, 10.5338, 34.0183

Rectangle

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



16.2299, 10.5338, 8.1990



12.6076, 10.5338, 2.4449



5.6279, 10.5338, 15.5112



7.7997, 10.5338, 31.6504

Sweetspot

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



16.2302, 10.5344, 8.1992



44.6327, 41.6548, 43.9291



17.3888, 10.6126, 31.7035



9.8031, 8.9749, 9.3960



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.



16.2302, 10.5344, 8.1992



26.9243, 15.5581, 9.2931



17.5651, 14.0841, 5.9313



6.2542, 6.2409, 6.7189



11.0503, 5.6743, 1.5237



0.1756, 0.0890, 0.0773

Inverse Universe

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



16.2302, 10.5344, 8.1992



26.9243, 15.5581, 9.2931



15.0340, 18.0576, 33.2647



6.2542, 6.2409, 6.7189



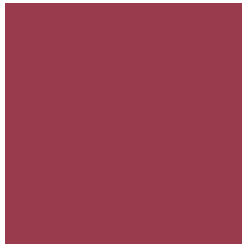
11.0503, 5.6743, 1.5237



0.1756, 0.0890, 0.0773

Previews

White Background



This preview shows how the XYZ color 16.2299, 10.5338, 8.1990 looks on a white background.

Color Contrast Check

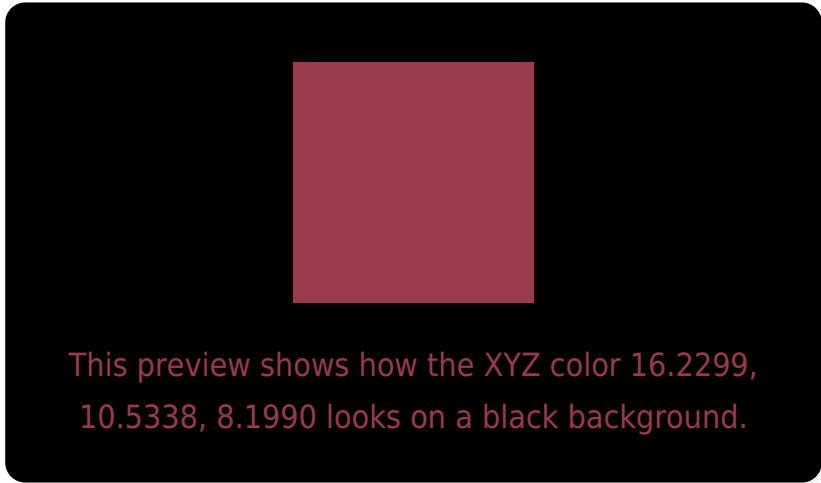
Large Text (above 18pt) WCAG AA ✓ Pass

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 16.2299, 10.5338, 8.1990

Background



This preview shows how black text looks on a background with the XYZ color 16.2299, 10.5338, 8.1990.



This preview shows how white text looks on a background with the XYZ color 16.2299, 10.5338,

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

16.2299, 10.5338, 8.1990

Protanopia

10.3617, 10.7896, 12.1262

Deuteranopia

10.8767, 10.6486, 7.7855



Tritanopia

15.7597, 10.4914, 6.1954

Trichromacy



Original Color

16.2299, 10.5338, 8.1990

Protanomaly

11.7003, 10.0867, 10.5628

Deuteranomaly

12.3474, 10.1621, 7.7893

Tritanomaly

15.8269, 10.4337, 6.8100

Monochromacy



Original Color

16.2299, 10.5338, 8.1990

Achromatopsia

9.4954, 9.9899, 10.8790

Achromatomaly

11.1741, 9.6154, 9.8613

CSS Examples

Text

The CSS property to change the color of the text to XYZ 16.2299, 10.5338, 8.1990 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(154, 59, 77)` looks like.

```
.text, #text, p{  
    color:rgb(154, 59, 77)  
}
```

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(154, 59, 77) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(154, 59, 77) }
```

Border

The CSS property to change the border of an element to XYZ 16.2299, 10.5338, 8.1990 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(154, 59, 77) }
```


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

```
.border{ border-color:rgb(154, 59, 77) }
```

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

Here you see how a box with a 4 pixel rgb(154, 59, 77) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(154, 59, 77); -webkit-box-  
shadow:4px 4px 4px 4px rgb(154, 59, 77);  
box-shadow:4px 4px 4px 4px rgb(154, 59,  
77) }
```

Background

The CSS property to change the background color of an element to XYZ 16.2299, 10.5338, 8.1990 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(154, 59, 77) }
```

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

```
.background{ background-color: rgb(154, 59,  
77) }
```

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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