

Converting Colors

XYZ(16.3530, 9.8537, 11.3478)

Have a look what the booklet for
XYZ(16.3530, 9.8537, 11.3478)
contains.

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Color

**XYZ(16.4005, 9.8570,
11.3941)**

Conversions

Conversions Part 1

Format	Color
Hex	9A315D
RGB	154, 49, 93
RGB Percent	60%, 19%, 36%
CMY	0.3961, 0.8078, 0.6353
CMYK	0.00, 0.68, 0.40, 0.40
HSL	335°, 52%, 40%
HSV	335°, 68%, 60%
XYZ	16.4005, 9.8570, 11.3941
YIQ	85.4110, 48.4560, 35.9440

Conversions

Conversions Part 2

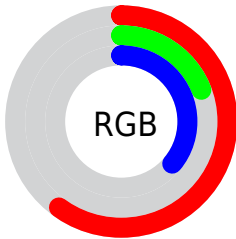
Format	Color
RYB	154, 49, 93
Decimal	10105181
CIELab	37.58, 47.39, -1.86
CIElCh	38, 47.430, 357.752
Yxy	9.8570, 0.4356, 0.2618
Android (android.graphics.Color)	4288295261 (0xFF9A315D)
YUV	85.4110, 3.7414, 60.1526
Hunter-Lab	31.3959, 38.3017, 0.4597

Details

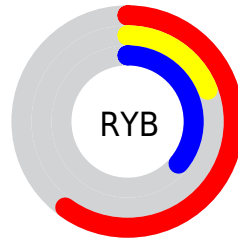
The XYZ color **16.4005, 9.8570, 11.3941** is a dark color, and the websafe version is hex **993366**. A complement of this color would be **15.6373, 24.8902, 18.7338**, and the grayscale version is **8.7067, 9.1601, 9.9754**.

A 20% lighter version of the original color is **36.8607, 25.4830, 28.9625**, and **5.5501, 2.8019, 2.9376** is the 20% darker color. If you saturate the color by 10%, you get **15.4895, 8.6326, 9.2483**, and if you desaturate by 10%, it is **17.5785, 11.5411, 13.8579**.

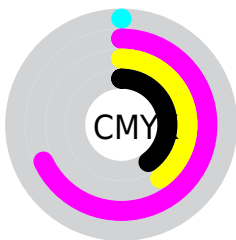
Distribution



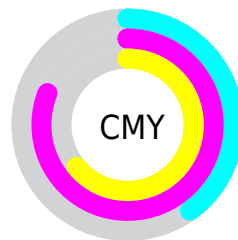
- Red (60%)
- Green (19%)
- Blue (36%)



- Red (60%)
- Yellow (19%)
- Blue (36%)



- Cyan (0%)
- Magenta (68%)
- Yellow (40%)
- Black (40%)





- Cyan (40%)
- Magenta (81%)
- Yellow (64%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 16.4005, 9.8570, 11.3941 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 16.4005, 9.8570, 11.3941 by changing the saturation by 10% instead.


 16.4005, 9.8570,
11.3941


 16.4005, 9.8570,
11.3941


224.9178,
189.6484, 211.1853


 9.9006, 5.3042,
6.2151


 36.8440, 25.5262,
29.0344


 5.3949, 2.4269,
2.9054

 51.5183, 37.4114,
42.3327

 2.5179, 0.8397,
1.0465

 69.6481, 52.5096,
59.1745

 0.9043, 0.0000,
0.0000

 91.5989, 71.2051,
79.9784

 0.0000, 0.0000,
0.0000

 117.7358, 93.8823,
105.1629

 148.4244,

120.9257, 135.1465

184.0299,
152.7196, 170.3478

■ 16.4005, 9.8570,
11.3941

■ 16.4005, 9.8570,
11.3941

■ 15.4895, 8.6326,
9.2483

■ 17.5785, 11.5411,
13.8579

■ 14.8197, 7.8188,
7.4037

■ 19.0444, 13.7245,
16.6539

■ 14.3449, 7.3262,
5.8369

■ 20.8178, 16.4440,
19.7958

■ 14.2669, 7.2462,
5.5763

■ 22.9164, 19.7327,
23.2964

■ 25.3565, 23.6208,
27.1676

■ 28.1530, 28.1366,
31.4208

■ 31.3202, 33.3064,
36.0668

■ 34.8714, 39.1551,
41.1159

■ 38.8194, 45.7062,
46.5782

Harmonies

Analogous

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



15.1471, 9.8570, 22.1895



16.4005, 9.8570, 11.3941



15.4611, 9.8570, 4.7289

Triad

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



16.4005, 9.8570, 11.3941



6.9300, 9.8570, 1.7438



6.6142, 9.8570, 31.6614

Complementary

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



16.4005, 9.8570, 11.3941



15.6373, 24.8902, 18.7338

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.



5.1330, 9.8570, 20.4164



16.4005, 9.8570, 11.3941



5.2860, 9.8570, 4.1080

Square

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



16.4005, 9.8570, 11.3941



9.5970, 9.8570, 1.2397



4.7039, 9.8570, 10.0972



9.1442, 9.8570, 37.1719

Rectangle

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



16.4005, 9.8570, 11.3941



13.8098, 9.8570, 2.5575



4.7039, 9.8570, 10.0972



5.9993, 9.8570, 28.2079

Sweetspot

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



16.4008, 9.8575, 11.3943



45.0215, 41.2417, 47.7292



13.1770, 7.7501, 31.3731



9.9221, 8.9065, 10.3804



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.



16.4008, 9.8575, 11.3943



27.4218, 14.7873, 14.9025



15.2954, 9.9208, 4.0153



6.3108, 6.2635, 7.0167



11.6408, 5.9105, 4.6333



0.1916, 0.0954, 0.1617

Inverse Universe

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



16.4008, 9.8575, 11.3943



27.4218, 14.7873, 14.9025



17.5334, 23.8537, 34.2518



6.3108, 6.2635, 7.0167



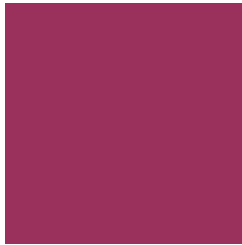
11.6408, 5.9105, 4.6333



0.1916, 0.0954, 0.1617

Previews

White Background



This preview shows how the XYZ color 16.4005, 9.8570, 11.3941 looks on a white background.

Color Contrast Check

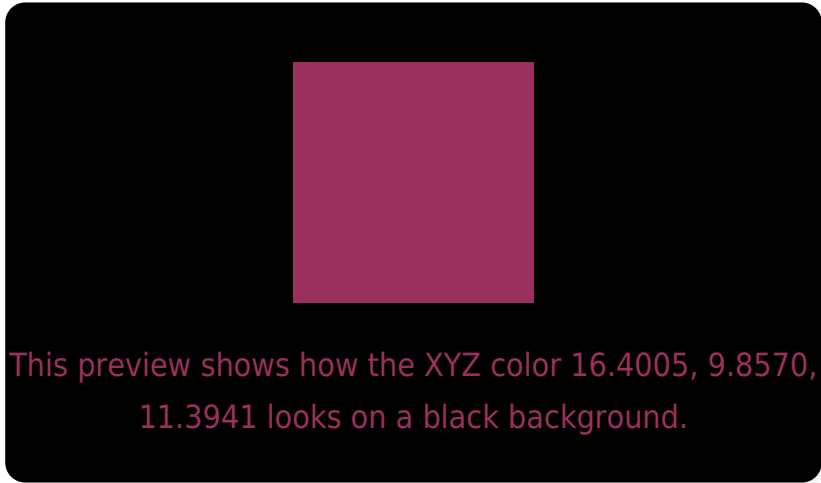
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

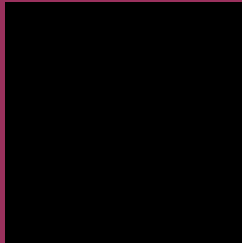
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 16.4005, 9.8570, 11.3941

Background



This preview shows how black text looks on a background with the XYZ color 16.4005, 9.8570, 11.3941.



This preview shows how white text looks on a background with the XYZ color 16.4005, 9.8570,

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

16.4005, 9.8570, 11.3941

Protanopia

10.1531, 10.0368, 18.5417

Deuteranopia

10.2348, 10.0128, 10.6257



Tritanopia

15.2276, 9.9279, 5.3887

Trichromacy



Original Color

16.4005, 9.8570, 11.3941

Protanomaly

11.3934, 9.1898, 15.6413

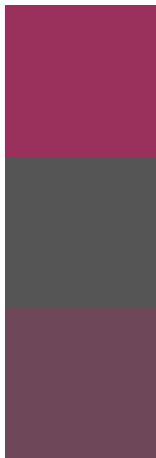
Deuteranomaly

11.8358, 9.4252, 10.8683

Tritanomaly

15.6257, 9.8785, 7.2141

Monochromacy



Original Color

16.4005, 9.8570, 11.3941

Achromatopsia

8.6345, 9.0842, 9.8927

Achromatomaly

10.5092, 8.6543, 10.3491

CSS Examples

Text

The CSS property to change the color of the text to XYZ 16.4005, 9.8570, 11.3941 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, 49, 93)` looks like.

```
.text, #text, p{  
    color:rgb(154, 49, 93)  
}
```

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, 49, 93) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(154, 49, 93) }
```

Border

The CSS property to change the border of an element to XYZ 16.4005, 9.8570, 11.3941 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, 49, 93) }
```


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

```
.border{ border-color:rgb(154, 49, 93) }
```

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

Here you see how a box with a 4 pixel rgb(154, 49, 93) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(154, 49, 93); -webkit-box-  
shadow:4px 4px 4px 4px rgb(154, 49, 93);  
box-shadow:4px 4px 4px 4px rgb(154, 49,  
93) }
```

Background

The CSS property to change the background color of an element to XYZ 16.4005, 9.8570, 11.3941 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(154, 49, 93) }
```

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

```
.background{ background-color: rgb(154, 49,  
93) }
```

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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