

Converting Colors

XYZ(14.9704, 9.1825, 11.3393)

Have a look what the booklet for
XYZ(14.9704, 9.1825, 11.3393)
contains.

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Color

**XYZ(14.9704, 9.1825,
11.3393)**

Conversions

Conversions Part 1

Format	Color
Hex	92325D
RGB	146, 50, 93
RGB Percent	57%, 20%, 36%
CMY	0.4275, 0.8039, 0.6353
CMYK	0.00, 0.66, 0.36, 0.43
HSL	333°, 49%, 38%
HSV	333°, 66%, 57%
XYZ	14.9704, 9.1825, 11.3393
YIQ	83.6060, 43.4130, 33.7250

Conversions

Conversions Part 2

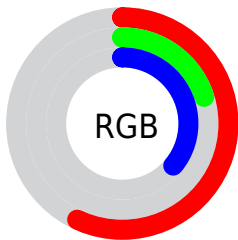
Format	Color
R _Y B	146, 50, 93
Decimal	9581149
CIE Lab	36.33, 44.45, -3.87
CIE LCh	36, 44.617, 355.029
Yxy	9.1825, 0.4218, 0.2587
Android (android.graphics.Color)	4287771229 (0xFF92325D)
YUV	83.6060, 4.6312, 54.7195
Hunter-Lab	30.3026, 35.1547, -0.9746

Details

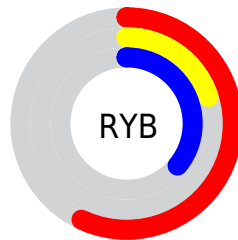
The XYZ color **14.9704, 9.1825, 11.3393** is a dark color, and the websafe version is hex **993366**. A complement of this color would be **14.0430, 22.2153, 16.3812**, and the grayscale version is **8.3308, 8.7646, 9.5447**.

A 20% lighter version of the original color is **34.3379, 24.1824, 28.8445**, and **4.8275, 2.4294, 2.9038** is the 20% darker color. If you saturate the color by 10%, you get **14.1043, 7.9920, 9.3810**, and if you desaturate by 10%, it is **16.0737, 10.7872, 13.5626**.

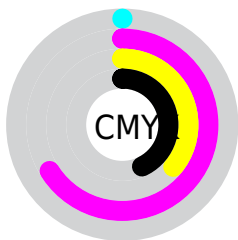
Distribution



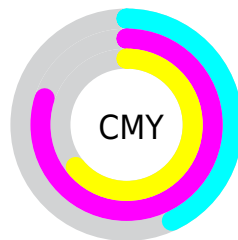
- Red (57%)
- Green (20%)
- Blue (36%)



- Red (57%)
- Yellow (20%)
- Blue (36%)



- Cyan (0%)
- Magenta (66%)
- Yellow (36%)
- Black (43%)




- Cyan (43%)
- Magenta (80%)
- Yellow (64%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 14.9704, 9.1825, 11.3393 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 14.9704, 9.1825, 11.3393 by changing the saturation by 10% instead.


 14.9704, 9.1825,
11.3393


 14.9704, 9.1825,
11.3393


216.5789,
184.7336, 210.8011


 8.8848, 4.8604,
6.1785


 34.3733, 24.2461,
28.9321


 4.7226, 2.1656,
2.8834

 48.4214, 35.7563,
42.2012


 2.1185, 0.7011,
1.0354

 65.8542, 50.4314,
59.0101

 0.6993, 0.0000,
0.0000

 87.0373, 68.6558,
79.7773

 0.0000, 0.0000,
0.0000

 112.3360, 90.8138,
104.9216

 142.1156,

117.2898, 134.8612

176.7414,
148.4683, 170.0149

■ 14.9704, 9.1825,
11.3393

■ 14.9704, 9.1825,
11.3393

■ 14.1043, 7.9920,
9.3810

■ 16.0737, 10.7872,
13.5626

■ 13.4539, 7.1743,
7.6744

■ 17.4317, 12.8394,
16.0620

■ 12.9899, 6.6731,
6.2040

■ 19.0611, 15.3705,
18.8482

■ 12.8195, 6.4972,
5.6391

■ 20.9767, 18.4088,
21.9314

■ 23.1924, 21.9802,
25.3210

■ 25.7210, 26.1089,
29.0259

■ 28.5745, 30.8178,
33.0548

■ 31.7646, 36.1282,
37.4159

■ 35.3020, 42.0605,
42.1171

Harmonies

Analogous

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



13.6964, 9.1825, 21.1361



14.9704, 9.1825, 11.3393



14.3114, 9.1825, 4.9445

Triad

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



14.9704, 9.1825, 11.3393



6.7149, 9.1825, 1.6812



6.0832, 9.1825, 27.7416

Complementary

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



14.9704, 9.1825, 11.3393



14.0430, 22.2153, 16.3812

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.



4.8259, 9.1825, 17.6773



14.9704, 9.1825, 11.3393



5.1346, 9.1825, 3.6789

Square

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



14.9704, 9.1825, 11.3393



9.1842, 9.1825, 1.3059



4.5182, 9.1825, 8.7672



8.2866, 9.1825, 33.2482

Rectangle

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



14.9704, 9.1825, 11.3393



12.9233, 9.1825, 2.7480



4.5182, 9.1825, 8.7672



5.5554, 9.1825, 24.5897

Sweetspot

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



14.9707, 9.1830, 11.3395



39.0272, 35.7229, 41.8173



11.9000, 7.2289, 27.9621



8.4677, 7.6019, 8.9734



69.3244, 72.9347, 79.4259



10.7221, 11.2805, 12.2844

Same Dimension

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



14.9707, 9.1830, 11.3395



24.2803, 13.3219, 15.0353



13.7868, 9.0552, 4.0395



5.9023, 5.8560, 6.5916



11.2922, 5.7220, 5.0200



0.1527, 0.0758, 0.1378

Inverse Universe

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



14.9707, 9.1830, 11.3395



24.2803, 13.3219, 15.0353



16.0584, 21.8624, 30.5675



5.9023, 5.8560, 6.5916



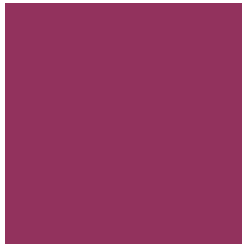
11.2922, 5.7220, 5.0200



0.1527, 0.0758, 0.1378

Previews

White Background



This preview shows how the XYZ color 14.9704, 9.1825, 11.3393 looks on a white background.

Color Contrast Check

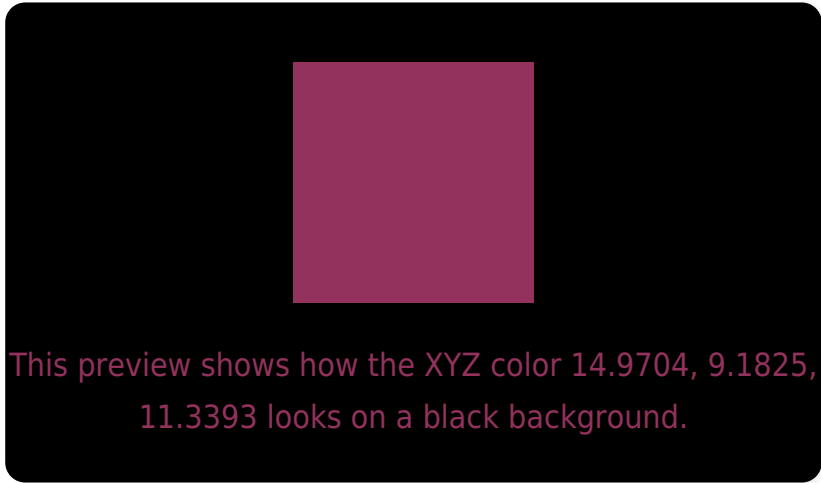
Large Text (above 18pt) WCAG AA ✓ Pass

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

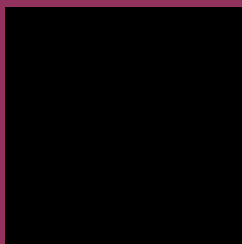
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 14.9704, 9.1825, 11.3393

Background



This preview shows how black text looks on a background with the XYZ color 14.9704, 9.1825, 11.3393.



This preview shows how white text looks on a background with the XYZ color 14.9704, 9.1825,

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

14.9704, 9.1825, 11.3393

Protanopia

9.5428, 9.3777, 17.8301

Deuteranopia

9.5479, 9.4249, 10.5485



Tritanopia

13.8070, 9.1925, 5.4615

Trichromacy



Original Color

14.9704, 9.1825, 11.3393

Protanomaly

10.6177, 8.6010, 15.2879

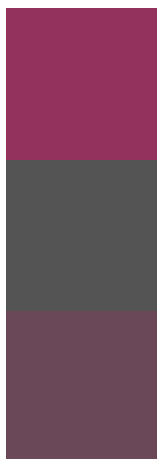
Deuteranomaly

10.9729, 8.8836, 10.8092

Tritanomaly

14.1988, 9.1391, 7.3190

Monochromacy



Original Color

14.9704, 9.1825, 11.3393

Achromatopsia

8.4267, 8.8656, 9.6546

Achromatomaly

10.1011, 8.4486, 10.1152

CSS Examples

Text

The CSS property to change the color of the text to XYZ 14.9704, 9.1825, 11.3393 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(146, 50, 93)` looks like.

```
.text, #text, p{  
    color:rgb(146, 50, 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(146, 50, 93) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(146, 50, 93) }
```

Border

The CSS property to change the border of an element to XYZ 14.9704, 9.1825, 11.3393 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(146, 50, 93) }
```


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

```
.border{ border-color:rgb(146, 50, 93) }
```

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

Here you see how a box with a 4 pixel rgb(146, 50, 93) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(146, 50, 93); -webkit-box-  
shadow:4px 4px 4px 4px rgb(146, 50, 93);  
box-shadow:4px 4px 4px 4px rgb(146, 50,  
93) }
```

Background

The CSS property to change the background color of an element to XYZ 14.9704, 9.1825, 11.3393 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(146, 50, 93) }
```

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

```
.background{ background-color: rgb(146, 50,  
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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