

Converting Colors

XYZ(16.4615, 9.1339, 13.2506)

Have a look what the booklet for
XYZ(16.4615, 9.1339, 13.2506)
contains.

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Color

**XYZ(16.4974, 9.1699,
13.2124)**

Conversions

Conversions Part 1

Format	Color
Hex	9B2465
RGB	155, 36, 101
RGB Percent	61%, 14%, 40%
CMY	0.3922, 0.8588, 0.6039
CMYK	0.00, 0.77, 0.35, 0.39
HSL	327°, 62%, 37%
HSV	327°, 77%, 61%
XYZ	16.4974, 9.1699, 13.2124
YIQ	78.9910, 50.0590, 45.4430

Conversions

Conversions Part 2

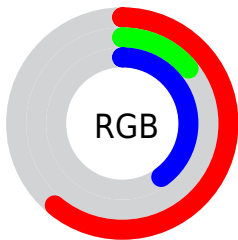
Format	Color
R_{YB}	155, 36, 101
Decimal	10167397
CIE _{Lab}	36.31, 53.44, -8.83
CIE _{LCh}	36, 54.162, 350.620
Yxy	9.1699, 0.4243, 0.2359
Android (android.graphics.Color)	4288357477 (0xFF9B2465)
YUV	78.9910, 10.8504, 66.6599
Hunter-Lab	30.2818, 44.2527, -4.6718

Details

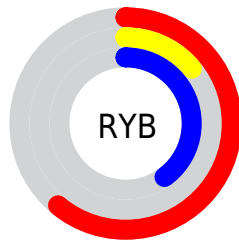
The XYZ color **16.4974, 9.1699, 13.2124** is a dark color, and the websafe version is hex **993366**. A complement of this color would be **14.2950, 24.5562, 13.6610**, and the grayscale version is **7.4039, 7.7895, 8.4828**.

A 20% lighter version of the original color is **37.0224, 24.2418, 32.4336**, and **5.8114, 2.9190, 3.7472** is the 20% darker color. If you saturate the color by 10%, you get **15.7957, 8.2945, 11.3502**, and if you desaturate by 10%, it is **17.4323, 10.4643, 15.2980**.

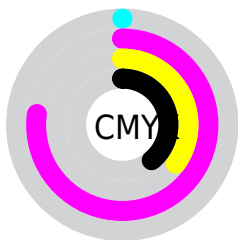
Distribution



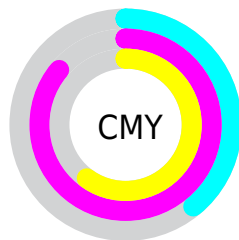
- Red (61%)
- Green (14%)
- Blue (40%)



- Red (61%)
- Yellow (14%)
- Blue (40%)



- Cyan (0%)
- Magenta (77%)
- Yellow (35%)
- Black (39%)



- Cyan (39%)
- Magenta (86%)
- Yellow (60%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 16.4974, 9.1699, 13.2124 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 16.4974, 9.1699, 13.2124 by changing the saturation by 10% instead.


 16.4974, 9.1699,
13.2124


 16.4974, 9.1699,
13.2124


225.4723,
184.6403, 223.5299


 9.9699, 4.8522,
7.4425


 37.0101, 24.2220,
32.3816


 5.4411, 2.1608,
3.6577

 51.7260, 35.7251,
46.6180


 2.5457, 0.6985,
1.4395

 69.9020, 50.3922,
64.5137

 0.9184, 0.0000,
0.1723

 91.9036, 68.6076,
86.4872

 0.0000, 0.0000,
0.0000

 118.0961, 90.7557,
112.9570

 148.8448,

117.2210, 144.3417

184.5151,
148.3877, 181.0598

■ 16.4974, 9.1699,
13.2124

■ 16.4974, 9.1699,
13.2124

■ 15.7957, 8.2945,
11.3502

■ 17.4323, 10.4643,
15.2980

■ 15.2895, 7.7643,
9.6951

■ 18.6237, 12.2232,
17.6181

■ 15.1438, 7.6190,
9.1960

■ 20.0925, 14.4878,
20.1831

■ 21.8575, 17.2941,
23.0026

■ 23.9356, 20.6749,
26.0853

■ 26.3423, 24.6606,
29.4395

■ 29.0922, 29.2791,
33.0731

■ 32.1989, 34.5566,
36.9935

■ 35.6752, 40.5181,
41.2079

Harmonies

Analogous

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



14.5278, 9.1699, 26.2978



16.4974, 9.1699, 13.2124



16.0150, 9.1699, 4.8949

Triad

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



16.4974, 9.1699, 13.2124



6.6856, 9.1699, 0.8327



5.3072, 9.1699, 31.3413

Complementary

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



16.4974, 9.1699, 13.2124



14.2950, 24.5562, 13.6610

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.



4.0598, 9.1699, 17.7536



16.4974, 9.1699, 13.2124



4.7065, 9.1699, 2.3679

Square

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



16.4974, 9.1699, 13.2124



9.7800, 9.1699, 0.6407



3.8714, 9.1699, 7.3304



7.7316, 9.1699, 40.3246

Rectangle

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



16.4974, 9.1699, 13.2124



14.4053, 9.1699, 2.2554



3.8714, 9.1699, 7.3304



4.7647, 9.1699, 26.8710

Sweetspot

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



16.4977, 9.1704, 13.2126



44.2307, 39.2740, 48.6560



10.7208, 5.7802, 31.5610



9.6959, 8.3698, 10.5643



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.



16.4977, 9.1704, 13.2126



27.6267, 14.1465, 18.2102



14.5658, 8.3977, 3.0397



6.3428, 6.2763, 7.1854



12.1830, 6.1274, 7.4886



0.2005, 0.0989, 0.2085

Inverse Universe

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



16.4977, 9.1704, 13.2126



27.6267, 14.1465, 18.2102



17.8780, 25.9894, 32.5291



6.3428, 6.2763, 7.1854



12.1830, 6.1274, 7.4886



0.2005, 0.0989, 0.2085

Previews

White Background



This preview shows how the XYZ color 16.4974, 9.1699, 13.2124 looks on a white background.

Color Contrast Check

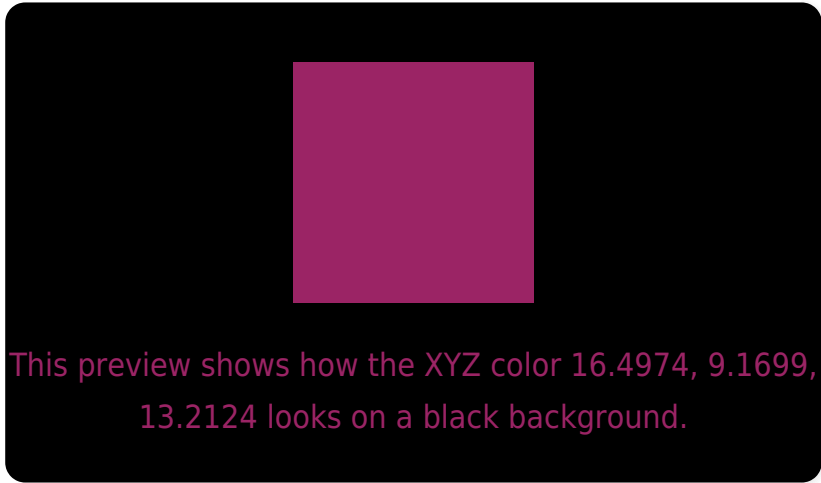
Large Text (above 18pt) WCAG AA ✓ Pass

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

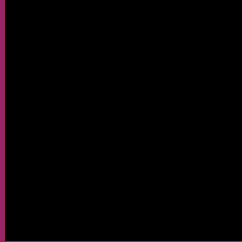
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 16.4974, 9.1699, 13.2124

Background



This preview shows how black text looks on a background with the XYZ color 16.4974, 9.1699, 13.2124.



This preview shows how white text looks on a background with the XYZ color 16.4974, 9.1699,

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

16.4974, 9.1699, 13.2124

Protanopia

10.0058, 9.4834, 23.8574

Deuteranopia

9.5503, 9.3910, 12.1358



Tritanopia

14.7321, 9.2136, 4.3701

Trichromacy



Original Color

16.4974, 9.1699, 13.2124

Protanomaly

10.7755, 8.1288, 19.4134

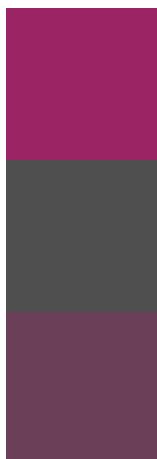
Deuteranomaly

11.1043, 8.4548, 12.3559

Tritanomaly

15.1807, 9.0913, 6.7490

Monochromacy



Original Color

16.4974, 9.1699, 13.2124

Achromatopsia

7.4317, 7.8187, 8.5146

Achromatomaly

9.5612, 7.3689, 9.9352

CSS Examples

Text

The CSS property to change the color of the text to XYZ 16.4974, 9.1699, 13.2124 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, 36, 101)` looks like.

```
.text, #text, p{  
  color:rgb(155, 36, 101)  
}
```

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, 36, 101) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(155, 36, 101) }
```

Border

The CSS property to change the border of an element to XYZ 16.4974, 9.1699, 13.2124 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, 36, 101) }
```


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

```
.border{ border-color:rgb(155, 36, 101) }
```

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

Here you see how a box with a 4 pixel rgb(155, 36, 101) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(155, 36, 101); -webkit-box-  
shadow:4px 4px 4px 4px rgb(155, 36, 101);  
box-shadow:4px 4px 4px 4px rgb(155, 36,  
101) }
```

Background

The CSS property to change the background color of an element to XYZ 16.4974, 9.1699, 13.2124 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(155, 36, 101) }
```

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

```
.background{ background-color: rgb(155, 36,  
101) }
```

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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