

Converting Colors

XYZ(16.9942, 13.5197, 15.3495)

Have a look what the booklet for
XYZ(16.9942, 13.5197, 15.3495)
contains.

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Color

**XYZ(16.9942, 13.5197,
15.3495)**

Conversions

Conversions Part 1

Format	Color
Hex	8D576A
RGB	141, 87, 106
RGB Percent	55%, 34%, 42%
CMY	0.4471, 0.6588, 0.5843
CMYK	0.00, 0.38, 0.25, 0.45
HSL	339°, 24%, 45%
HSV	339°, 38%, 55%
XYZ	16.9942, 13.5197, 15.3495
YIQ	105.3120, 26.0850, 17.3570

Conversions

Conversions Part 2

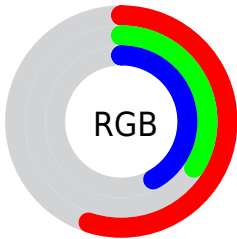
Format	Color
R_{YB}	141, 87, 106
Decimal	9262954
CIE _{Lab}	43.54, 25.06, -1.44
CIE _{LCh}	44, 25.101, 356.708
Yxy	13.5197, 0.3705, 0.2948
Android (android.graphics.Color)	4287453034 (0xFF8D576A)
YUV	105.3120, 0.3392, 31.2984
Hunter-Lab	36.7691, 18.1543, 0.9874

Details

The XYZ color **16.9942, 13.5197, 15.3495** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **16.9688, 22.4815, 21.8585**, and the grayscale version is **13.5063, 14.2097, 15.4744**.

A 20% lighter version of the original color is **37.9392, 32.3470, 36.1423**, and **5.6680, 3.9572, 4.6027** is the 20% darker color. If you saturate the color by 10%, you get **15.5120, 11.2757, 12.6342**, and if you desaturate by 10%, it is **18.7509, 16.2313, 18.4066**.

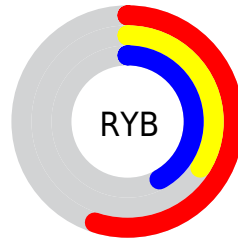
Distribution



Red (55%)

Green (34%)

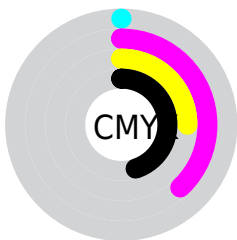
Blue (42%)



Red (55%)

Yellow (34%)

Blue (42%)

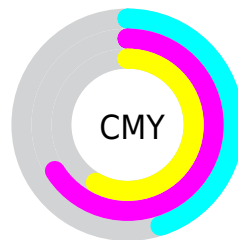


Cyan (0%)

Magenta (38%)

Yellow (25%)

Black (45%)



Cyan (45%)

Magenta (66%)

Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 16.9942, 13.5197, 15.3495 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 16.9942, 13.5197, 15.3495 by changing the saturation by 10% instead.

■ 16.9942, 13.5197,
15.3495

■ 16.9942, 13.5197,
15.3495

228.2958,
214.2220, 237.1852

■ 10.3256, 7.7874,
8.9157

■ 37.8595, 32.2343,
36.2161

■ 5.6793, 3.9592,
4.5902

■ 52.7869, 45.9855,
51.4860

■ 2.6899, 1.6508,
1.9544

■ 71.1980, 63.1783,
70.5383

■ 0.9920, 0.3915,
0.5270

■ 93.4581, 84.1972,
93.7915

■ 0.0000, 0.0000,
0.0000

■ 119.9326,
109.4267, 121.6643

150.9868,

139.2510, 154.5752

186.9861,
174.0547, 192.9426

■ 16.9942, 13.5197,
15.3495

■ 16.9942, 13.5197,
15.3495

■ 15.5120, 11.2757,
12.6342

■ 18.7509, 16.2313,
18.4066

■ 14.2884, 9.4705,
10.2471

■ 20.7943, 19.4330,
21.8165

■ 13.3078, 8.0754,
8.1750

■ 23.1375, 23.1485,
25.5909

■ 12.5522, 7.0573,
6.4032

■ 25.7922, 27.3989,
29.7406

■ 12.0010, 6.3779,
4.9157

■ 28.7697, 32.2046,
34.2759

■ 11.6118, 5.9554,
3.6884

■ 32.0804, 37.5847,
39.2067

■ 11.5518, 5.8896,
3.5012

■ 35.7346, 43.5573,
44.5425

■ 39.7418, 50.1399,
50.2926

■ 44.1115, 57.3491,
56.4659

Harmonies

Analogous

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



16.2667, 13.5197, 21.4796



16.9942, 13.5197, 15.3495



16.5214, 13.5197, 10.3809

Triad

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



16.9942, 13.5197, 15.3495



11.2287, 13.5197, 7.0276



10.8894, 13.5197, 25.7184

Complementary

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



16.9942, 13.5197, 15.3495



16.9688, 22.4815, 21.8585

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.



9.7674, 13.5197, 20.1273



16.9942, 13.5197, 15.3495



9.9488, 13.5197, 9.5530

Square

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



16.9942, 13.5197, 15.3495



13.0678, 13.5197, 6.3572



9.4412, 13.5197, 14.1092



12.6348, 13.5197, 28.3483

Rectangle

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



16.9942, 13.5197, 15.3495



15.6130, 13.5197, 8.1763



9.4412, 13.5197, 14.1092



10.4340, 13.5197, 24.0632

Sweetspot

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



16.9946, 13.5203, 15.3498



40.1445, 39.4007, 43.7725



16.1297, 12.8196, 26.8237



8.8553, 8.6238, 9.5986



67.5393, 71.0566, 77.3807



10.1266, 10.6539, 11.6021

Same Dimension

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



16.9946, 13.5203, 15.3498



28.0999, 20.6732, 23.2283



16.7258, 14.3925, 10.9141



5.4824, 5.4535, 6.0381



10.5400, 5.3730, 3.2292



0.1105, 0.0553, 0.0821

Inverse Universe

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



16.9946, 13.5203, 15.3498



28.0999, 20.6732, 23.2283



17.2361, 20.9447, 28.3337



5.4824, 5.4535, 6.0381



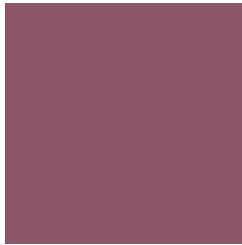
10.5400, 5.3730, 3.2292



0.1105, 0.0553, 0.0821

Previews

White Background



This preview shows how the XYZ color 16.9942, 13.5197, 15.3495 looks on a white background.

Color Contrast Check

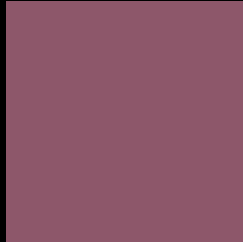
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



This preview shows how the XYZ color 16.9942, 13.5197, 15.3495 looks on a 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 16.9942, 13.5197, 15.3495

Background



This preview shows how black text looks on a background with the XYZ color 16.9942, 13.5197, 15.3495.



This preview shows how white text looks on a background with the XYZ color 16.9942, 13.5197,

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

16.9942, 13.5197, 15.3495

Protanopia

13.4242, 13.7631, 18.1687

Deuteranopia

13.8659, 13.6245, 14.9957



Tritanopia

16.4989, 13.5647, 12.8150

Trichromacy



Original Color

16.9942, 13.5197, 15.3495

Protanomaly

14.4018, 13.4322, 17.1629

Deuteranomaly

14.8104, 13.4153, 15.1734

Tritanomaly

16.6052, 13.4750, 13.7823

Monochromacy



Original Color

16.9942, 13.5197, 15.3495

Achromatopsia

13.4271, 14.1263, 15.3836

Achromatomaly

14.3887, 13.6068, 15.2326

CSS Examples

Text

The CSS property to change the color of the text to XYZ 16.9942, 13.5197, 15.3495 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(141, 87, 106)` looks like.

```
.text, #text, p{  
    color:rgb(141, 87, 106)  
}
```

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(141, 87, 106) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(141, 87, 106) }
```

Border

The CSS property to change the border of an element to XYZ 16.9942, 13.5197, 15.3495 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(141, 87, 106) }
```


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

```
.border{ border-color:rgb(141, 87, 106) }
```

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

Here you see how a box with a 4 pixel `rgb(141, 87, 106)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(141, 87, 106); -webkit-box-  
shadow:4px 4px 4px 4px rgb(141, 87, 106);  
box-shadow:4px 4px 4px 4px rgb(141, 87,  
106) }
```

Background

The CSS property to change the background color of an element to XYZ 16.9942, 13.5197, 15.3495 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(141, 87, 106) }
```

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

```
.background{ background-color: rgb(141, 87,  
106) }
```

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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