

Converting Colors

XYZ(16.2961, 13.6982, 17.4455)

Have a look what the booklet for
XYZ(16.2961, 13.6982, 17.4455)
contains.

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Color

**XYZ(16.3235, 13.7521,
17.4169)**

Conversions

Conversions Part 1

Format	Color
Hex	845C71
RGB	132, 92, 113
RGB Percent	52%, 36%, 44%
CMY	0.4824, 0.6392, 0.5569
CMYK	0.00, 0.30, 0.14, 0.48
HSL	329°, 18%, 44%
HSV	329°, 30%, 52%
XYZ	16.3235, 13.7521, 17.4169
YIQ	106.3540, 17.0990, 15.0110

Conversions

Conversions Part 2

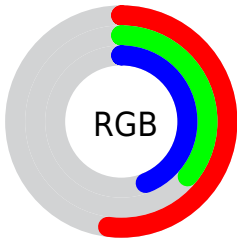
Format	Color
R_{YB}	132, 92, 113
Decimal	8674417
CIE Lab	43.88, 19.84, -5.33
CIE LCh	44, 20.547, 344.953
Yxy	13.7521, 0.3437, 0.2896
Android (android.graphics.Color)	4286864497 (0xFF845C71)
YUV	106.3540, 3.2765, 22.4915
Hunter-Lab	37.0838, 13.6752, -1.8876

Details

The XYZ color **16.3235, 13.7521, 17.4169** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **15.5347, 19.9259, 18.0671**, and the grayscale version is **13.7851, 14.5030, 15.7938**.

A 20% lighter version of the original color is **36.8637, 32.8006, 39.9855**, and **5.3722, 4.0523, 5.5000** is the 20% darker color. If you saturate the color by 10%, you get **14.9373, 11.5251, 15.2729**, and if you desaturate by 10%, it is **17.9342, 16.3887, 19.7563**.

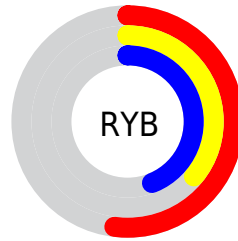
Distribution



Red (52%)

Green (36%)

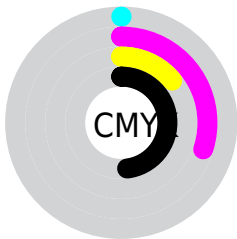
Blue (44%)



Red (52%)

Yellow (36%)

Blue (44%)

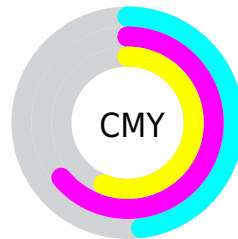


Cyan (0%)

Magenta (30%)

Yellow (14%)

Black (48%)



Cyan (48%)

Magenta (64%)

Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 16.3235, 13.7521, 17.4169 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 16.3235, 13.7521, 17.4169 by changing the saturation by 10% instead.

■ 16.3235, 13.7521,
17.4169

■ 16.3235, 13.7521,
17.4169

224.4762,
215.6831, 249.6883

■ 9.8457, 7.9485,
10.3671

■ 36.7118, 32.6485,
39.8416

■ 5.3582, 4.0620,
5.5342

■ 51.3530, 46.5101,
56.0536

■ 2.4958, 1.7083,
2.4998

■ 69.4461, 63.8264,
76.1567

■ 0.8932, 0.4290,
0.8401

■ 91.3563, 84.9819,
100.5695

■ 0.0000, 0.0000,
0.0000

117.4491,
110.3609, 129.7105

148.0897,

140.3478, 163.9983

183.6437,
175.3271, 203.8514

■ 16.3235, 13.7521,
17.4169

■ 16.3235, 13.7521,
17.4169

■ 14.9373, 11.5251,
15.2729

■ 17.9342, 16.3887,
19.7563

■ 13.7635, 9.6848,
13.3176

■ 19.7782, 19.4522,
22.2961

■ 12.7908, 8.2093,
11.5447


■ 21.8654, 22.9616,
25.0420


■ 12.0061, 7.0732,
9.9475

■ 24.2046, 26.9338,
27.9990

■ 11.3949, 6.2484,
8.5182


■ 26.8043, 31.3849,
31.1722


 10.9402, 5.7016,
7.2486

 29.6725, 36.3305,
34.5665

 10.5992, 5.3389,
6.1505

 32.8170, 41.7852,
38.1863

 36.2449, 47.7630,
42.0362

 39.9636, 54.2776,
46.1205

Harmonies

Analogous

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



15.4030, 13.7521, 22.2341



16.3235, 13.7521, 17.4169



16.3251, 13.7521, 12.7833

Triad

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



16.3235, 13.7521, 17.4169



12.2819, 13.7521, 7.8902



10.9838, 13.7521, 22.2205

Complementary

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



16.3235, 13.7521, 17.4169



15.5347, 19.9259, 18.0671

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.



10.2809, 13.7521, 17.4011



16.3235, 13.7521, 17.4169



10.9870, 13.7521, 9.4958

Square

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



16.3235, 13.7521, 17.4169



13.8983, 13.7521, 7.8927



10.2820, 13.7521, 12.7704



12.2771, 13.7521, 25.3738

Rectangle

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



16.3235, 13.7521, 17.4169



15.8003, 13.7521, 10.4134



10.2820, 13.7521, 12.7704



10.6755, 13.7521, 20.7021

Sweetspot

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



16.3239, 13.7527, 17.4172



35.2221, 34.9057, 39.7883



14.5063, 12.6789, 23.5126



8.0973, 7.9542, 9.1251



64.0503, 67.3860, 73.3833



8.9945, 9.4630, 10.3052

Same Dimension

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



16.3239, 13.7527, 17.4172



27.1223, 21.5939, 28.1855



15.3340, 13.3567, 12.2042



4.7671, 4.7265, 5.3858



10.2653, 5.1705, 5.9695



0.0393, 0.0194, 0.0401

Inverse Universe

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



16.3239, 13.7527, 17.4172



27.1223, 21.5939, 28.1855



16.7395, 20.4078, 24.4115



4.7671, 4.7265, 5.3858



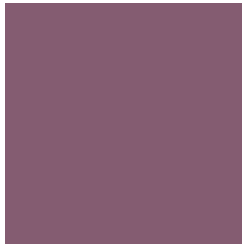
10.2653, 5.1705, 5.9695



0.0393, 0.0194, 0.0401

Previews

White Background



This preview shows how the XYZ color 16.3235, 13.7521, 17.4169 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 16.3235, 13.7521, 17.4169

Background



This preview shows how black text looks on a background with the XYZ color 16.3235, 13.7521, 17.4169.



This preview shows how white text looks on a background with the XYZ color 16.3235, 13.7521,

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

16.3235, 13.7521, 17.4169

Protanopia

13.6072, 13.8233, 19.7203

Deuteranopia

14.0785, 13.8346, 16.9672



Tritanopia

15.7117, 13.7703, 14.1418

Trichromacy



Original Color

16.3235, 13.7521, 17.4169

Protanomaly

14.3548, 13.6528, 18.7083

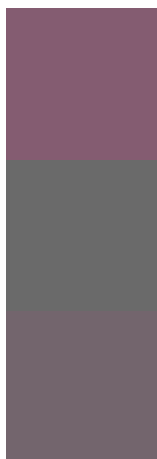
Deuteranomaly

14.9001, 13.8272, 17.2128

Tritanomaly

15.8242, 13.6739, 15.1699

Monochromacy



Original Color

16.3235, 13.7521, 17.4169

Achromatopsia

13.6994, 14.4128, 15.6956

Achromatomaly

14.4842, 14.0563, 16.4177

CSS Examples

Text

The CSS property to change the color of the text to XYZ 16.3235, 13.7521, 17.4169 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(132, 92, 113)` looks like.

```
.text, #text, p{  
    color:rgb(132, 92, 113)  
}
```

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(132, 92, 113) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(132, 92, 113) }
```

Border

The CSS property to change the border of an element to XYZ 16.3235, 13.7521, 17.4169 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(132, 92, 113) }
```


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

```
.border{ border-color:rgb(132, 92, 113) }
```

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

Here you see how a box with a 4 pixel `rgb(132, 92, 113)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(132, 92, 113); -webkit-box-  
shadow:4px 4px 4px 4px rgb(132, 92, 113);  
box-shadow:4px 4px 4px 4px rgb(132, 92,  
113) }
```

Background

The CSS property to change the background color of an element to XYZ 16.3235, 13.7521, 17.4169 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(132, 92, 113) }
```

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

```
.background{ background-color: rgb(132, 92,  
113) }
```

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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