

Converting Colors

XYZ(17.3599, 14.3063, 18.5460)

Have a look what the booklet for
XYZ(17.3599, 14.3063, 18.5460)
contains.

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Color

**XYZ(17.3546, 14.2570,
18.6668)**

Conversions

Conversions Part 1

Format	Color
Hex	895C75
RGB	137, 92, 117
RGB Percent	54%, 36%, 46%
CMY	0.4627, 0.6392, 0.5412
CMYK	0.00, 0.33, 0.15, 0.46
HSL	327°, 20%, 45%
HSV	327°, 33%, 54%
XYZ	17.3546, 14.2570, 18.6668
YIQ	108.3050, 18.7950, 17.3150

Conversions

Conversions Part 2

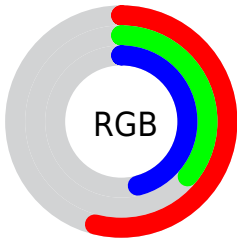
Format	Color
R_{YB}	137, 92, 117
Decimal	9002101
CIE Lab	44.60, 22.45, -6.62
CIE LCh	45, 23.411, 343.565
Yxy	14.2570, 0.3452, 0.2836
Android (android.graphics.Color)	4287192181 (0xFF895C75)
YUV	108.3050, 4.2866, 25.1655
Hunter-Lab	37.7584, 15.9652, -2.8805

Details

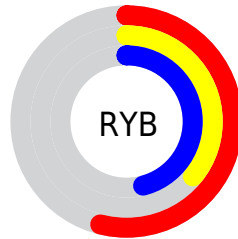
The XYZ color **17.3546, 14.2570, 18.6668** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **16.2846, 21.3370, 18.5904**, and the grayscale version is **14.3245, 15.0705, 16.4117**.

A 20% lighter version of the original color is **38.4698, 33.5859, 41.9913**, and **5.8503, 4.2849, 6.1489** is the 20% darker color. If you saturate the color by 10%, you get **15.9270, 11.9561, 16.4816**, and if you desaturate by 10%, it is **19.0210, 16.9978, 21.0468**.

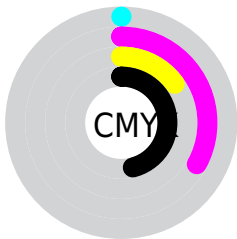
Distribution



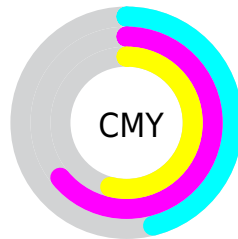
- Red (54%)
- Green (36%)
- Blue (46%)



- Red (54%)
- Yellow (36%)
- Blue (46%)



- Cyan (0%)
- Magenta (33%)
- Yellow (15%)
- Black (46%)



- Cyan (46%)
- Magenta (64%)
- Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 17.3546, 14.2570, 18.6668 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 17.3546, 14.2570, 18.6668 by changing the saturation by 10% instead.

■ 17.3546, 14.2570,
18.6668

■ 17.3546, 14.2570,
18.6668

230.3242,
218.8238, 256.9642

■ 10.5845, 8.2996,
11.2554

■ 38.4732, 33.5443,
41.9995

■ 5.8534, 4.2873,
6.1226

■ 53.5525, 47.6431,
58.7578

■ 2.7960, 1.8355,
2.8498

■ 72.1321, 65.2245,
79.4689

■ 1.0468, 0.5092,
1.0184

■ 94.5776, 86.6728,
104.5513

■ 0.0000, 0.0000,
0.0000

121.2541,
112.3725, 134.4234

152.5272,

142.7080, 169.5040

188.7621,
178.0636, 210.2114

■ 17.3546, 14.2570,
18.6668

■ 17.3546, 14.2570,
18.6668

■ 15.9270, 11.9561,
16.4816

■ 19.0210, 16.9978,
21.0468

■ 14.7249, 10.0699,
14.4843

■ 20.9360, 20.1981,
23.6266

■ 13.7356, 8.5734,
12.6683

■ 23.1105, 23.8787,
26.4119

■ 12.9446, 7.4382,
11.0267

■ 25.5543, 28.0586,
29.4082

■ 12.3353, 6.6322,
9.5516

■ 28.2766, 32.7557,
32.6203

■ 11.8883, 6.1173,
8.2339

■ 31.2863, 37.9870,
36.0531

■ 11.6249, 5.8417,
7.3720

■ 34.5918, 43.7688,
39.7114

■ 38.2012, 50.1166,
43.5997

■ 42.1222, 57.0453,
47.7222

Harmonies

Analogous

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



16.2202, 14.2570, 24.3785



17.3546, 14.2570, 18.6668



17.4103, 14.2570, 13.2022

Triad

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



17.3546, 14.2570, 18.6668



12.7141, 14.2570, 7.4287



11.0785, 14.2570, 23.8828

Complementary

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



17.3546, 14.2570, 18.6668



16.2846, 21.3370, 18.5904

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.



10.3086, 14.2570, 18.1019



17.3546, 14.2570, 18.6668



11.1917, 14.2570, 9.1236

Square

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



17.3546, 14.2570, 18.6668



14.6080, 14.2570, 7.5117



10.3480, 14.2570, 12.7544



12.5459, 14.2570, 27.8371

Rectangle

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



17.3546, 14.2570, 18.6668



16.8193, 14.2570, 10.4393



10.3480, 14.2570, 12.7544



10.7359, 14.2570, 22.0371

Sweetspot

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



17.3550, 14.2577, 18.6671



38.4682, 37.8156, 43.5832



14.9618, 12.8732, 25.3635



8.5263, 8.3099, 9.6430



65.7814, 69.2071, 75.3665



9.5508, 10.0482, 10.9424

Same Dimension

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



17.3550, 14.2577, 18.6671



29.2418, 22.5611, 30.6474



16.2098, 13.7996, 12.6364



5.1415, 5.0920, 5.8337



10.8345, 5.4439, 6.8989



0.0794, 0.0391, 0.0847

Inverse Universe

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



17.3550, 14.2577, 18.6671



29.2418, 22.5611, 30.6474



17.6629, 21.8883, 25.8486



5.1415, 5.0920, 5.8337



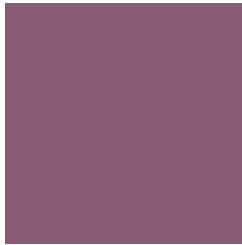
10.8345, 5.4439, 6.8989



0.0794, 0.0391, 0.0847

Previews

White Background



This preview shows how the XYZ color 17.3546, 14.2570, 18.6668 looks on a white background.

Color Contrast Check

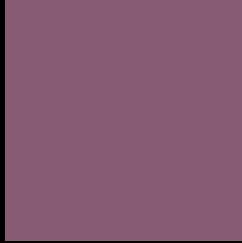
Large Text (above 18pt) WCAG AA ✓ Pass

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 17.3546, 14.2570, 18.6668 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 17.3546, 14.2570, 18.6668

Background



This preview shows how black text looks on a background with the XYZ color 17.3546, 14.2570, 18.6668.



This preview shows how white text looks on a background with the XYZ color 17.3546, 14.2570,

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

17.3546, 14.2570, 18.6668

Protanopia

14.2327, 14.4086, 21.4330

Deuteranopia

14.6269, 14.3830, 18.2249



Tritanopia

16.4822, 14.2946, 14.4608

Trichromacy



Original Color

17.3546, 14.2570, 18.6668

Protanomaly

15.1403, 14.1643, 20.3484

Deuteranomaly

15.4994, 14.2496, 18.4565

Tritanomaly

16.8099, 14.3012, 15.7843

Monochromacy



Original Color

17.3546, 14.2570, 18.6668

Achromatopsia

14.2537, 14.9960, 16.3306

Achromatomaly

15.2284, 14.5724, 17.0491

CSS Examples

Text

The CSS property to change the color of the text to XYZ 17.3546, 14.2570, 18.6668 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(137, 92, 117)` looks like.

```
.text, #text, p{  
    color:rgb(137, 92, 117)  
}
```

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(137, 92, 117) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(137, 92, 117) }
```

Border

The CSS property to change the border of an element to XYZ 17.3546, 14.2570, 18.6668 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(137, 92, 117) }
```


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

```
.border{ border-color:rgb(137, 92, 117) }
```

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

Here you see how a box with a 4 pixel rgb(137, 92, 117) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(137, 92, 117); -webkit-box-  
shadow:4px 4px 4px 4px rgb(137, 92, 117);  
box-shadow:4px 4px 4px 4px rgb(137, 92,  
117) }
```

Background

The CSS property to change the background color of an element to XYZ 17.3546, 14.2570, 18.6668 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(137, 92, 117) }
```

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

```
.background{ background-color: rgb(137, 92,  
117) }
```

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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