

Converting Colors

XYZ(17.6093, 13.6867, 16.6894)

Have a look what the booklet for
XYZ(17.6093, 13.6867, 16.6894)
contains.

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Color

**XYZ(17.6986, 13.7326,
16.7568)**

Conversions

Conversions Part 1

Format	Color
Hex	90566F
RGB	144, 86, 111
RGB Percent	56%, 34%, 44%
CMY	0.4353, 0.6627, 0.5647
CMYK	0.00, 0.40, 0.23, 0.44
HSL	334°, 25%, 45%
HSV	334°, 40%, 56%
XYZ	17.6986, 13.7326, 16.7568
YIQ	106.1920, 26.5430, 20.0710

Conversions

Conversions Part 2

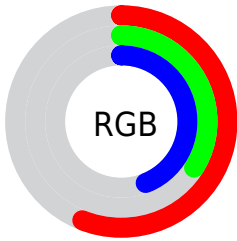
Format	Color
R_{YB}	144, 86, 111
Decimal	9459311
CIE _{Lab}	43.85, 27.56, -3.99
CIE _{LCh}	44, 27.847, 351.754
Yxy	13.7326, 0.3673, 0.2850
Android (android.graphics.Color)	4287649391 (0xFF90566F)
YUV	106.1920, 2.3703, 33.1576
Hunter-Lab	37.0575, 20.4006, -0.8697

Details

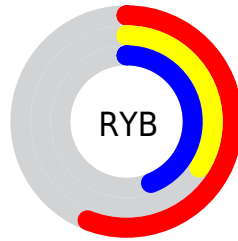
The XYZ color **17.6986, 13.7326, 16.7568** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **17.1414, 23.2571, 21.0395**, and the grayscale version is **13.7412, 14.4569, 15.7435**.

A 20% lighter version of the original color is **39.1097, 32.6778, 38.8965**, and **6.0364, 4.0852, 5.1730** is the 20% darker color. If you saturate the color by 10%, you get **16.2320, 11.4884, 14.1432**, and if you desaturate by 10%, it is **19.4391, 16.4579, 19.6661**.

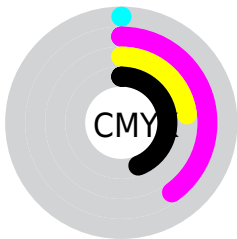
Distribution



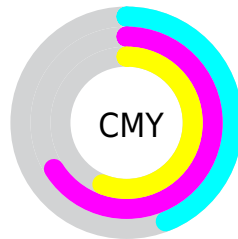
- Red (56%)
- Green (34%)
- Blue (44%)



- Red (56%)
- Yellow (34%)
- Blue (44%)



- Cyan (0%)
- Magenta (40%)
- Yellow (23%)
- Black (44%)



- Cyan (44%)
- Magenta (66%)
- Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 17.6986, 13.7326, 16.7568 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 17.6986, 13.7326, 16.7568 by changing the saturation by 10% instead.

■ 17.6986, 13.7326,
16.7568

■ 17.6986, 13.7326,
16.7568

232.2453,
215.5609, 245.7633

■ 10.8322, 7.9349,
9.9011

■ 39.0572, 32.6138,
38.6921

■ 6.0206, 4.0533,
5.2287

■ 54.2801, 46.4661,
54.6087

■ 2.8984, 1.7034,
2.3210

■ 73.0192, 63.7721,
74.3828

■ 1.1002, 0.4259,
0.7429

■ 95.6399, 84.9162,
98.4328

■ 0.0253, 0.0000,
0.0000

■ 122.5074,
110.2827, 127.1774

■ 0.0000, 0.0000,
0.0000

153.9873,

140.2560, 161.0349

190.4448,
175.2207, 200.4240

■ 17.6986, 13.7326,
16.7568

■ 17.6986, 13.7326,
16.7568

■ 16.2320, 11.4884,
14.1432

■ 19.4391, 16.4579,
19.6661

■ 15.0229, 9.6950,
11.8142

■ 21.4661, 19.6886,
22.8803

■ 14.0551, 8.3215,
9.7585


■ 23.7930, 23.4493,
26.4090


■ 13.3098, 7.3324,
7.9642


■ 26.4318, 27.7628,
30.2610


■ 12.7652, 6.6861,
6.4176


■ 29.3941, 32.6504,
34.4451

 12.3729, 6.2778,
5.1264

 32.6905, 38.1322,
38.9692

 36.3314, 44.2273,
43.8414

 40.3268, 50.9542,
49.0693

 44.6859, 58.3303,
54.6601

Harmonies

Analogous

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



16.6616, 13.7326, 23.7682



17.6986, 13.7326, 16.7568



17.3852, 13.7326, 10.8995

Triad

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



17.6986, 13.7326, 16.7568



11.5476, 13.7326, 6.2915



10.6067, 13.7326, 26.6175

Complementary

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



17.6986, 13.7326, 16.7568



17.1414, 23.2571, 21.0395

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.



9.5069, 13.7326, 19.9029



17.6986, 13.7326, 16.7568



10.0062, 13.7326, 8.6407

Square

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



17.6986, 13.7326, 16.7568



13.6681, 13.7326, 5.8867



9.3001, 13.7326, 13.2825



12.4555, 13.7326, 30.4180

Rectangle

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



17.6986, 13.7326, 16.7568



16.4666, 13.7326, 8.2528



9.3001, 13.7326, 13.2825



10.1461, 13.7326, 24.5499

Sweetspot

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



17.6990, 13.7333, 16.7571



41.1135, 39.9758, 45.3078



15.9519, 12.5825, 27.9734



9.3185, 8.9895, 10.2253



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.



17.6990, 13.7333, 16.7571



28.9372, 20.7280, 25.5117



16.8267, 13.8918, 10.5995



5.4993, 5.4603, 6.1275



10.7859, 5.4714, 4.5241



0.1138, 0.0566, 0.0996

Inverse Universe

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



17.6990, 13.7333, 16.7571



28.9372, 20.7280, 25.5117



18.2698, 22.7875, 29.8210



5.4993, 5.4603, 6.1275



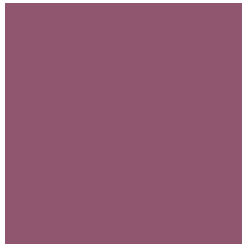
10.7859, 5.4714, 4.5241



0.1138, 0.0566, 0.0996

Previews

White Background



This preview shows how the XYZ color 17.6986, 13.7326, 16.7568 looks on a white background.

Color Contrast Check

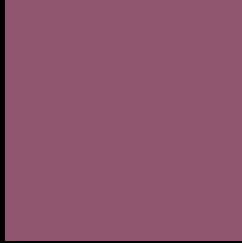
Large Text (above 18pt) WCAG AA ✓ Pass

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 17.6986, 13.7326, 16.7568 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

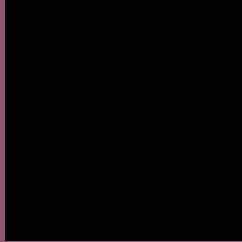
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 17.6986, 13.7326, 16.7568

Background



This preview shows how black text looks on a background with the XYZ color 17.6986, 13.7326, 16.7568.



This preview shows how white text looks on a background with the XYZ color 17.6986, 13.7326,

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

17.6986, 13.7326, 16.7568

Protanopia

13.6186, 13.8150, 20.3611

Deuteranopia

14.0425, 13.8348, 16.1176



Tritanopia

16.7933, 13.7218, 12.5899

Trichromacy



Original Color

17.6986, 13.7326, 16.7568

Protanomaly

14.7472, 13.5704, 18.9816

Deuteranomaly

15.2554, 13.7550, 16.3189

Tritanomaly

17.1664, 13.7587, 14.0628

Monochromacy



Original Color

17.6986, 13.7326, 16.7568

Achromatopsia

13.6994, 14.4128, 15.6956

Achromatomaly

14.9143, 13.9995, 16.1035

CSS Examples

Text

The CSS property to change the color of the text to XYZ 17.6986, 13.7326, 16.7568 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(144, 86, 111)` looks like.

```
.text, #text, p{  
    color:rgb(144, 86, 111)  
}
```

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(144, 86, 111) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(144, 86, 111) }
```

Border

The CSS property to change the border of an element to XYZ 17.6986, 13.7326, 16.7568 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(144, 86, 111) }
```


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

```
.border{ border-color:rgb(144, 86, 111) }
```

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

Here you see how a box with a 4 pixel `rgb(144, 86, 111)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(144, 86, 111); -webkit-box-  
shadow:4px 4px 4px 4px rgb(144, 86, 111);  
box-shadow:4px 4px 4px 4px rgb(144, 86,  
111) }
```

Background

The CSS property to change the background color of an element to XYZ 17.6986, 13.7326, 16.7568 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(144, 86, 111) }
```

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

```
.background{ background-color: rgb(144, 86,  
111) }
```

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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