

Converting Colors

XYZ(17.0475, 15.4609, 17.6401)

Have a look what the booklet for
XYZ(17.0475, 15.4609, 17.6401)
contains.

XYZ(17.0921, 15.5203, 17.7176)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(17.0921, 15.5203,
17.7176)**

Conversions

Conversions Part 1

Format	Color
Hex	836671
RGB	131, 102, 113
RGB Percent	51%, 40%, 44%
CMY	0.4863, 0.6000, 0.5569
CMYK	0.00, 0.22, 0.14, 0.49
HSL	337°, 12%, 46%
HSV	337°, 22%, 51%
XYZ	17.0921, 15.5203, 17.7176
YIQ	111.9250, 13.7530, 9.5690

Conversions

Conversions Part 2

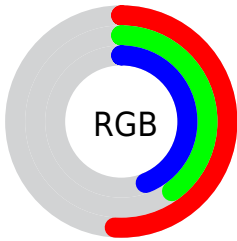
Format	Color
R_{YB}	131, 102, 113
Decimal	8611441
CIE Lab	46.34, 13.52, -1.71
CIE LCh	46, 13.627, 352.798
Yxy	15.5203, 0.3396, 0.3084
Android (android.graphics.Color)	4286801521 (0xFF836671)
YUV	111.9250, 0.5300, 16.7288
Hunter-Lab	39.3958, 8.5006, 0.9124

Details

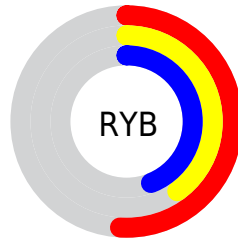
The XYZ color **17.0921, 15.5203, 17.7176** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **16.9866, 20.4139, 20.8154**, and the grayscale version is **15.3752, 16.1759, 17.6155**.

A 20% lighter version of the original color is **37.9499, 35.6894, 40.4859**, and **5.7137, 4.8634, 5.6386** is the 20% darker color. If you saturate the color by 10%, you get **15.4676, 12.9712, 15.0177**, and if you desaturate by 10%, it is **18.9620, 18.4941, 20.7021**.

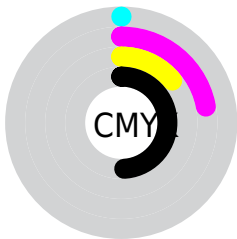
Distribution



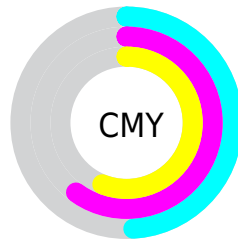
- Red (51%)
- Green (40%)
- Blue (44%)



- Red (51%)
- Yellow (40%)
- Blue (44%)



- Cyan (0%)
- Magenta (22%)
- Yellow (14%)
- Black (49%)



- Cyan (49%)
- Magenta (60%)
- Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 17.0921, 15.5203, 17.7176 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 17.0921, 15.5203, 17.7176 by changing the saturation by 10% instead.

■ 17.0921, 15.5203,
17.7176

■ 17.0921, 15.5203,
17.7176

228.8485,
226.4942, 251.4569

■ 10.3959, 9.1854,
10.5801

■ 38.0264, 35.7634,
40.3629

■ 5.7265, 4.8623,
5.6746

■ 52.9952, 50.4403,
56.7079

■ 2.7186, 2.1667,
2.5827

■ 71.4522, 68.6667,
76.9590

■ 1.0067, 0.7017,
0.8835

■ 93.7629, 90.8269,
101.5349

■ 0.0000, 0.0000,
0.0000

120.2925,
117.3054, 130.8541

151.4063,

148.4865, 165.3351

187.4699,
184.7547, 205.3965

■ 17.0921, 15.5203,
17.7176

■ 17.0921, 15.5203,
17.7176

■ 15.4676, 12.9712,
15.0177

■ 18.9620, 18.4941,
20.7021

■ 14.0765, 10.8253,
12.5926

■ 21.0860, 21.9088,
23.9786

■ 12.9079, 9.0622,
10.4333


■ 23.4737, 25.7823,
27.5554


■ 11.9494, 7.6590,
8.5299


■ 26.1342, 30.1307,
31.4404


■ 11.1873, 6.5901,
6.8718


■ 29.0758, 34.9694,
35.6409


 10.6060, 5.8268,
5.4475


 32.3067, 40.3134,
40.1640

 10.1877, 5.3353,
4.2442

 35.8346, 46.1766,
45.0166

 9.9291, 5.0529,
3.4338

 39.6670, 52.5726,
50.2055

 43.8110, 59.5145,
55.7372

Harmonies

Analogous

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



16.6124, 15.5203, 21.0907



17.0921, 15.5203, 17.7176



16.9188, 15.5203, 14.5287

Triad

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



17.0921, 15.5203, 17.7176



13.8989, 15.5203, 11.6391



13.4358, 15.5203, 22.5530

Complementary

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



17.0921, 15.5203, 17.7176



16.9866, 20.4139, 20.8154

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.



12.7778, 15.5203, 19.5140



17.0921, 15.5203, 17.7176



13.0352, 15.5203, 13.3030

Square

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



17.0921, 15.5203, 17.7176



15.0347, 15.5203, 11.2906



12.6351, 15.5203, 16.1059



14.4720, 15.5203, 24.1116

Rectangle

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



17.0921, 15.5203, 17.7176



16.4604, 15.5203, 12.8973



12.6351, 15.5203, 16.1059



13.1653, 15.5203, 21.6530

Sweetspot

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



17.0925, 15.5210, 17.7179



35.7904, 36.0594, 39.9247



16.5783, 15.1269, 23.5190



8.2920, 8.3299, 9.2324



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.



17.0925, 15.5210, 17.7179



28.9589, 25.1971, 29.0132



16.8496, 15.9667, 14.7650



4.7402, 4.7158, 5.2444



9.7748, 4.9743, 3.3864



0.0372, 0.0186, 0.0294

Inverse Universe

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



17.0925, 15.5210, 17.7179



28.9589, 25.1971, 29.0132



17.2460, 19.8025, 24.3863



4.7402, 4.7158, 5.2444



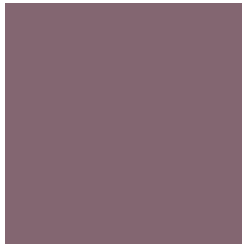
9.7748, 4.9743, 3.3864



0.0372, 0.0186, 0.0294

Previews

White Background



This preview shows how the XYZ color 17.0921, 15.5203, 17.7176 looks on a white background.

Color Contrast Check

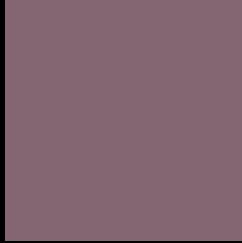
Large Text (above 18pt) WCAG AA ✓ Pass

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 17.0921, 15.5203, 17.7176 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

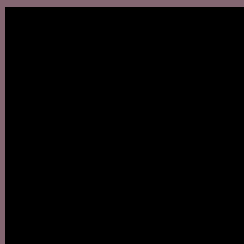
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 17.0921, 15.5203, 17.7176

Background



This preview shows how black text looks on a background with the XYZ color 17.0921, 15.5203, 17.7176.



This preview shows how white text looks on a background with the XYZ color 17.0921, 15.5203,

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

17.0921, 15.5203, 17.7176

Protanopia

15.1099, 15.5366, 19.0321

Deuteranopia

15.9281, 15.6783, 17.5160



Tritanopia

16.9259, 15.4538, 16.8426

Trichromacy



Original Color

17.0921, 15.5203, 17.7176

Protanomaly

15.7776, 15.4206, 18.6679

Deuteranomaly

16.2884, 15.5581, 17.4738

Tritanomaly

16.9807, 15.4757, 17.1311

Monochromacy



Original Color

17.0921, 15.5203, 17.7176

Achromatopsia

15.4009, 16.2029, 17.6450

Achromatomaly

15.8949, 15.8169, 17.5444

CSS Examples

Text

The CSS property to change the color of the text to XYZ 17.0921, 15.5203, 17.7176 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(131, 102, 113)` looks like.

```
.text, #text, p{  
    color:rgb(131, 102, 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(131, 102, 113) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(131, 102, 113) }
```

Border

The CSS property to change the border of an element to XYZ 17.0921, 15.5203, 17.7176 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(131, 102, 113) }
```


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

```
.border{ border-color:rgb(131, 102, 113) }
```

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

Here you see how a box with a 4 pixel `rgb(131, 102, 113)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(131, 102, 113); -webkit-box-  
shadow:4px 4px 4px 4px rgb(131, 102, 113);  
box-shadow:4px 4px 4px 4px rgb(131, 102,  
113) }
```

Background

The CSS property to change the background color of an element to XYZ 17.0921, 15.5203, 17.7176 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(131, 102, 113) }
```

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

```
.background{ background-color: rgb(131,  
102, 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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