

Converting Colors

XYZ(17.7680, 15.1499, 20.0633)

Have a look what the booklet for
XYZ(17.7680, 15.1499, 20.0633)
contains.

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Color

**XYZ(17.7176, 15.0808,
20.0662)**

Conversions

Conversions Part 1

Format	Color
Hex	876179
RGB	135, 97, 121
RGB Percent	53%, 38%, 47%
CMY	0.4706, 0.6196, 0.5255
CMYK	0.00, 0.28, 0.10, 0.47
HSL	322°, 16%, 45%
HSV	322°, 28%, 53%
XYZ	17.7176, 15.0808, 20.0662
YIQ	111.0980, 14.9440, 15.5200

Conversions

Conversions Part 2

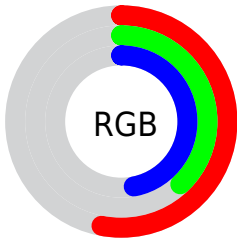
Format	Color
R_{YB}	135, 97, 121
Decimal	8872313
CIE _{Lab}	45.74, 19.48, -7.36
CIE _{LCh}	46, 20.825, 339.308
Yxy	15.0808, 0.3352, 0.2853
Android (android.graphics.Color)	4287062393 (0xFF876179)
YUV	111.0980, 4.8817, 20.9621
Hunter-Lab	38.8340, 13.4792, -3.4524

Details

The XYZ color **17.7176, 15.0808, 20.0662** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **16.4637, 21.0175, 18.2291**, and the grayscale version is **15.1215, 15.9090, 17.3249**.

A 20% lighter version of the original color is **39.1190, 35.0158, 44.2321**, and **6.0566, 4.6804, 6.7151** is the 20% darker color. If you saturate the color by 10%, you get **16.2776, 12.6764, 18.1199**, and if you desaturate by 10%, it is **19.3865, 17.9175, 22.1668**.

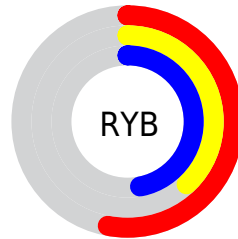
Distribution



Red (53%)

Green (38%)

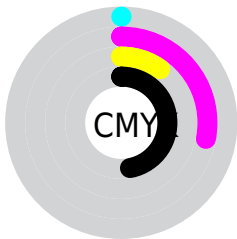
Blue (47%)



Red (53%)

Yellow (38%)

Blue (47%)

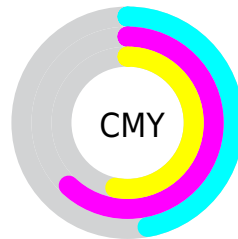


Cyan (0%)

Magenta (28%)

Yellow (10%)

Black (47%)



Cyan (47%)

Magenta (62%)

Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 17.7176, 15.0808, 20.0662 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 17.7176, 15.0808, 20.0662 by changing the saturation by 10% instead.

■ 17.7176, 15.0808,
20.0662

■ 17.7176, 15.0808,
20.0662

232.3509,
223.8548, 264.8894

■ 10.8459, 8.8761,
12.2586

■ 39.0894, 34.9949,
44.3886

■ 6.0298, 4.6605,
6.7954

■ 54.3202, 49.4730,
61.7404

■ 2.9041, 2.0495,
3.2580

■ 73.0681, 67.4778,
83.1108

■ 1.1032, 0.6360,
1.2278

■ 95.6984, 89.3936,
108.9183

■ 0.0278, 0.0000,
0.0015

122.5764,
115.6048, 139.5813

■ 0.0000, 0.0000,
0.0000

154.0677,

146.4958, 175.5185

190.5374,
182.4510, 217.1483

■ 17.7176, 15.0808,
20.0662

■ 17.7176, 15.0808,
20.0662

■ 16.2776, 12.6764,
18.1199

■ 19.3865, 17.9175,
22.1668

■ 15.0543, 10.6805,
16.3221

■ 21.2932, 21.2045,
24.4252

■ 14.0361, 9.0706,
14.6680

■ 23.4477, 24.9612,
26.8460

■ 13.2099, 7.8206,
13.1519

■ 25.8591, 29.2054,
29.4335

■ 12.5609, 6.9015,
11.7678

■ 28.5359, 33.9539,
32.1914

■ 12.0722, 6.2797,
10.5086

■ 31.4864, 39.2227,
35.1236

■ 11.7060, 5.8801,
9.3605

■ 34.7182, 45.0270,
38.2337

■ 11.6418, 5.8110,
9.1565

■ 38.2390, 51.3815,
41.5252

■ 42.0558, 58.3003,
45.0014

Harmonies

Analogous

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



16.5728, 15.0808, 25.0622



17.7176, 15.0808, 20.0662



17.9173, 15.0808, 14.9106

Triad

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



17.7176, 15.0808, 20.0662



13.7965, 15.0808, 8.6285



11.8848, 15.0808, 23.3127

Complementary

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



17.7176, 15.0808, 20.0662



16.4637, 21.0175, 18.2291

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.



11.2632, 15.0808, 18.0289



17.7176, 15.0808, 20.0662



12.3062, 15.0808, 10.0358

Square

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



17.7176, 15.0808, 20.0662



15.5559, 15.0808, 8.9547



11.4109, 15.0808, 13.2454



13.1775, 15.0808, 27.1856

Rectangle

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



17.7176, 15.0808, 20.0662



17.4727, 15.0808, 12.1406



11.4109, 15.0808, 13.2454



11.5954, 15.0808, 21.6036

Sweetspot

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



17.7180, 15.0815, 20.0665



38.1195, 37.9518, 43.7264



15.1957, 13.6747, 24.7606



8.7145, 8.5925, 9.9952



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.



17.7180, 15.0815, 20.0665



29.9783, 24.0744, 33.5985



16.6686, 14.6617, 14.5400



4.7870, 4.7345, 5.4907



10.7416, 5.3610, 8.4778



0.0407, 0.0200, 0.0480

Inverse Universe

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



17.7180, 15.0815, 20.0665



29.9783, 24.0744, 33.5985



17.6191, 21.4797, 24.3134



4.7870, 4.7345, 5.4907



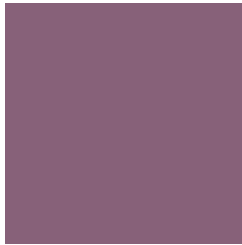
10.7416, 5.3610, 8.4778



0.0407, 0.0200, 0.0480

Previews

White Background



This preview shows how the XYZ color 17.7176, 15.0808, 20.0662 looks on a white background.

Color Contrast Check

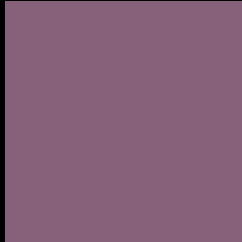
Large Text (above 18pt) WCAG AA ✓ Pass

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 17.7176, 15.0808, 20.0662 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

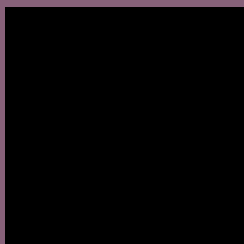
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 17.7176, 15.0808, 20.0662

Background



This preview shows how black text looks on a background with the XYZ color 17.7176, 15.0808, 20.0662.



This preview shows how white text looks on a background with the XYZ color 17.7176, 15.0808,

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

17.7176, 15.0808, 20.0662

Protanopia

15.0845, 15.2869, 22.5777

Deuteranopia

15.4232, 15.2174, 19.5771



Tritanopia

16.7885, 14.9718, 15.9149

Trichromacy



Original Color

17.7176, 15.0808, 20.0662

Protanomaly

15.8544, 15.0943, 21.4799

Deuteranomaly

16.2665, 15.1941, 19.8447

Tritanomaly

17.1238, 14.9735, 17.3169

Monochromacy



Original Color

17.7176, 15.0808, 20.0662

Achromatopsia

15.1092, 15.8961, 17.3108

Achromatomaly

15.9943, 15.5389, 18.3760

CSS Examples

Text

The CSS property to change the color of the text to XYZ 17.7176, 15.0808, 20.0662 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(135, 97, 121)` looks like.

```
.text, #text, p{  
    color:rgb(135, 97, 121)  
}
```

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(135, 97, 121) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(135, 97, 121) }
```

Border

The CSS property to change the border of an element to XYZ 17.7176, 15.0808, 20.0662 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(135, 97, 121) }
```


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

```
.border{ border-color:rgb(135, 97, 121) }
```

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

Here you see how a box with a 4 pixel `rgb(135, 97, 121)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(135, 97, 121); -webkit-box-  
shadow:4px 4px 4px 4px rgb(135, 97, 121);  
box-shadow:4px 4px 4px 4px rgb(135, 97,  
121) }
```

Background

The CSS property to change the background color of an element to XYZ 17.7176, 15.0808, 20.0662 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(135, 97, 121) }
```

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

```
.background{ background-color: rgb(135, 97,  
121) }
```

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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