

Converting Colors

XYZ(23.1934, 17.6945, 17.9036)

Have a look what the booklet for
XYZ(23.1934, 17.6945, 17.9036)
contains.

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Color

**XYZ(23.2213, 17.7015,
17.8156)**

Conversions

Conversions Part 1

Format	Color
Hex	A85F71
RGB	168, 95, 113
RGB Percent	66%, 37%, 44%
CMY	0.3412, 0.6274, 0.5569
CMYK	0.00, 0.43, 0.33, 0.34
HSL	345°, 30%, 52%
HSV	345°, 43%, 66%
XYZ	23.2213, 17.7015, 17.8156
YIQ	118.8790, 37.7300, 21.0740

Conversions

Conversions Part 2

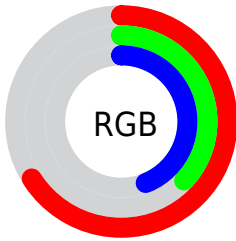
Format	Color
R_{YB}	168, 95, 113
Decimal	11034481
CIE Lab	49.13, 31.83, 2.91
CIE LCh	49, 31.965, 5.218
Yxy	17.7015, 0.3953, 0.3014
Android (android.graphics.Color)	4289224561 (0xFFA85F71)
YUV	118.8790, -2.8983, 43.0791
Hunter-Lab	42.0732, 24.8909, 4.3452

Details

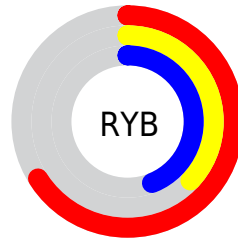
The XYZ color **23.2213, 17.7015, 17.8156** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **24.2278, 32.6406, 33.8793**, and the grayscale version is **17.4973, 18.4085, 20.0469**.

A 20% lighter version of the original color is **48.2766, 39.5916, 40.6948**, and **8.8706, 5.9131, 5.6748** is the 20% darker color. If you saturate the color by 10%, you get **21.2043, 14.7295, 13.8691**, and if you desaturate by 10%, it is **25.6650, 21.3677, 22.3951**.

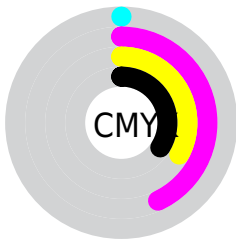
Distribution



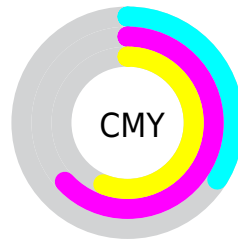
- Red (66%)
- Green (37%)
- Blue (44%)



- Red (66%)
- Yellow (37%)
- Blue (44%)



- Cyan (0%)
- Magenta (43%)
- Yellow (33%)
- Black (34%)



- Cyan (34%)
- Magenta (63%)
- Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 23.2213, 17.7015, 17.8156 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 23.2213, 17.7015, 17.8156 by changing the saturation by 10% instead.

■ 23.2213, 17.7015,
17.8156

■ 23.2213, 17.7015,
17.8156

261.3738,
239.1831, 252.0307

■ 14.8786, 10.7359,
10.6496

■ 48.2204, 39.5280,
40.5325

■ 8.8200, 5.8895,
5.7206

■ 65.6076, 55.1577,
56.9206

■ 4.6801, 2.7780,
2.6099

■ 86.7402, 74.4443,
77.2197

■ 2.0936, 1.0170,
0.8976

■ 111.9838, 97.7720,
101.8485

■ 0.6858, 0.0000,
0.0000

141.7035,
125.5254, 131.2254

■ 0.0000, 0.0000,
0.0000

176.2649,

158.0888, 165.7691

216.0332,
195.8466, 205.8980

■ 23.2213, 17.7015,
17.8156

■ 23.2213, 17.7015,
17.8156

■ 21.2043, 14.7295,
13.8691

■ 25.6650, 21.3677,
22.3951

■ 19.5873, 12.4051,
10.5261

■ 28.5572, 25.7656,
27.6334

■ 18.3427, 10.6799,
7.7559

■ 31.9197, 30.9331,
33.5560

■ 17.4388, 9.4980,
5.5247

■ 35.7727, 36.9048,
40.1866

■ 16.8377, 8.7921,
3.7945

■ 40.1349, 43.7131,
47.5479

■ 16.5561, 8.4879,
2.9020

■ 45.0243, 51.3886,
55.6616

■ 50.4578, 59.9605,
64.5483

■ 56.4516, 69.4564,
74.2279

■ 63.0213, 79.9029,
84.7197

Harmonies

Analogous

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



22.6004, 17.7015, 27.0289



23.2213, 17.7015, 17.8156



21.9701, 17.7015, 11.2552

Triad

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



23.2213, 17.7015, 17.8156



13.7234, 17.7015, 8.7122



14.5289, 17.7015, 38.4113

Complementary

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



23.2213, 17.7015, 17.8156



24.2278, 32.6406, 33.8793

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.



12.5529, 17.7015, 30.4087



23.2213, 17.7015, 17.8156



12.1279, 17.7015, 13.1653

Square

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



23.2213, 17.7015, 17.8156



16.3075, 17.7015, 7.0905



11.7260, 17.7015, 20.8097



17.3528, 17.7015, 40.7497

Rectangle

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



23.2213, 17.7015, 17.8156



20.3207, 17.7015, 8.6700



11.7260, 17.7015, 20.8097



13.7547, 17.7015, 36.1985

Sweetspot

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



23.2218, 17.7024, 17.8159



58.0612, 56.3460, 61.1327



23.6925, 17.4729, 39.1697



12.3545, 11.8178, 12.8006



80.6108, 84.8088, 92.3568



14.7206, 15.4872, 16.8656

Same Dimension

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



23.2218, 17.7024, 17.8159



38.6421, 26.9676, 25.4960



24.1477, 21.0181, 13.6117



7.6041, 7.5715, 8.2327



12.5202, 6.4168, 2.2850



0.3243, 0.1640, 0.1590

Inverse Universe

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



23.2218, 17.7024, 17.8159



38.6421, 26.9676, 25.4960



22.6544, 26.9937, 41.0622



7.6041, 7.5715, 8.2327



12.5202, 6.4168, 2.2850



0.3243, 0.1640, 0.1590

Previews

White Background



This preview shows how the XYZ color 23.2213, 17.7015, 17.8156 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 23.2213, 17.7015, 17.8156 looks on a black 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

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

XYZ 23.2213, 17.7015, 17.8156

Background



This preview shows how black text looks on a background with the XYZ color 23.2213, 17.7015, 17.8156.



This preview shows how white text looks on a background with the XYZ color 23.2213, 17.7015,

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

23.2213, 17.7015, 17.8156

Protanopia

17.3991, 17.9852, 21.9565

Deuteranopia

18.0797, 17.7613, 17.2272



Tritanopia

22.7097, 17.7644, 15.3286

Trichromacy



Original Color

23.2213, 17.7015, 17.8156

Protanomaly

19.0732, 17.5520, 20.4718

Deuteranomaly

19.5249, 17.3851, 17.3655

Tritanomaly

22.7731, 17.6428, 16.1150

Monochromacy



Original Color

23.2213, 17.7015, 17.8156

Achromatopsia

17.5343, 18.4475, 20.0893

Achromatomaly

19.1033, 17.7546, 19.2497

CSS Examples

Text

The CSS property to change the color of the text to XYZ 23.2213, 17.7015, 17.8156 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(168, 95, 113)` looks like.

```
.text, #text, p{  
    color:rgb(168, 95, 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(168, 95, 113) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(168, 95, 113) }
```

Border

The CSS property to change the border of an element to XYZ 23.2213, 17.7015, 17.8156 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(168, 95, 113) }
```


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

```
.border{ border-color:rgb(168, 95, 113) }
```

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

Here you see how a box with a 4 pixel `rgb(168, 95, 113)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(168, 95, 113); -webkit-box-  
shadow:4px 4px 4px 4px rgb(168, 95, 113);  
box-shadow:4px 4px 4px 4px rgb(168, 95,  
113) }
```

Background

The CSS property to change the background color of an element to XYZ 23.2213, 17.7015, 17.8156 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(168, 95, 113) }
```

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

```
.background{ background-color: rgb(168, 95,  
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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