

Converting Colors

XYZ(23.7653, 17.0291, 18.1472)

Have a look what the booklet for
XYZ(23.7653, 17.0291, 18.1472)
contains.

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Color

**XYZ(23.8178, 17.1015,
18.2652)**

Conversions

Conversions Part 1

Format	Color
Hex	AD5873
RGB	173, 88, 115
RGB Percent	68%, 35%, 45%
CMY	0.3216, 0.6549, 0.5490
CMYK	0.00, 0.49, 0.34, 0.32
HSL	341°, 34%, 51%
HSV	341°, 49%, 68%
XYZ	23.8178, 17.1015, 18.2652
YIQ	116.4930, 41.9930, 26.4170

Conversions

Conversions Part 2

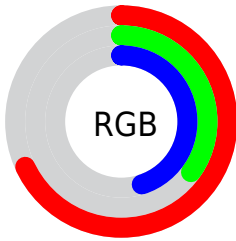
Format	Color
R _Y B	173, 88, 115
Decimal	11360371
CIE Lab	48.39, 37.69, 0.71
CIE LCh	48, 37.701, 1.080
Yxy	17.1015, 0.4024, 0.2890
Android (android.graphics.Color)	4289550451 (0xFFAD5873)
YUV	116.4930, -0.7360, 49.5566
Hunter-Lab	41.3540, 30.4376, 2.7606

Details

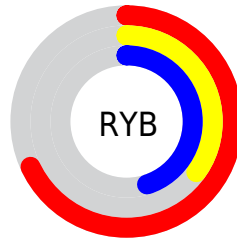
The XYZ color **23.8178, 17.1015, 18.2652** is a dark color, and the websafe version is hex **CC6699**. A complement of this color would be **24.1572, 34.0376, 32.4928**, and the grayscale version is **16.7456, 17.6177, 19.1856**.

A 20% lighter version of the original color is **49.3081, 38.5351, 41.3984**, and **9.1774, 5.6430, 5.9157** is the 20% darker color. If you saturate the color by 10%, you get **21.9261, 14.3365, 14.4950**, and if you desaturate by 10%, it is **26.1344, 20.5769, 22.6067**.

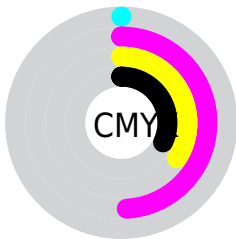
Distribution



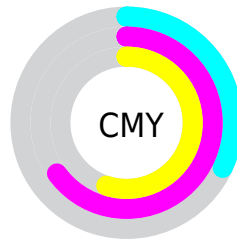
- Red (68%)
- Green (35%)
- Blue (45%)



- Red (68%)
- Yellow (35%)
- Blue (45%)



- Cyan (0%)
- Magenta (49%)
- Yellow (34%)
- Black (32%)



- Cyan (32%)
- Magenta (65%)
- Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 23.8178, 17.1015, 18.2652 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 23.8178, 17.1015, 18.2652 by changing the saturation by 10% instead.

■ 23.8178, 17.1015,
18.2652

■ 23.8178, 17.1015,
18.2652

264.3556,
235.7566, 254.6477

■ 15.3225, 10.3069,
10.9691

■ 49.1896, 38.5002,
41.3087

■ 9.1338, 5.6029,
5.9322

■ 66.7967, 53.8731,
57.8933

■ 4.8864, 2.6052,
2.7358

■ 88.1719, 72.8742,
78.4111

■ 2.2148, 0.9293,
0.9614

■ 113.6805, 95.8879,
103.2807

■ 0.7505, 0.0000,
0.0000

■ 143.6878,
123.2986, 132.9206

■ 0.0000, 0.0000,
0.0000

178.5592,

155.4907, 167.7494

218.6600,
192.8485, 208.1856

■ 23.8178, 17.1015,
18.2652

■ 23.8178, 17.1015,
18.2652

■ 21.9261, 14.3365,
14.4950

■ 26.1344, 20.5769,
22.6067

■ 20.4304, 12.2296,
11.2697

■ 28.8995, 24.8051,
27.5421

■ 19.3003, 10.7254,
8.5621

■ 32.1364, 29.8282,
33.0939

■ 18.4998, 9.7581,
6.3420

■ 35.8666, 35.6842,
39.2833

■ 17.9631, 9.2022,
4.5675

■ 40.1101, 42.4090,
46.1300

■ 17.9219, 9.1596,
4.4311

■ 44.8856, 50.0361,
53.6533

■ 50.2112, 58.5973,
61.8713

■ 56.1038, 68.1230,
70.8017

■ 62.5799, 78.6421,
80.4614

Harmonies

Analogous

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



22.7694, 17.1015, 29.3840



23.8178, 17.1015, 18.2652



22.6134, 17.1015, 10.4436

Triad

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



23.8178, 17.1015, 18.2652



13.0690, 17.1015, 6.6404



13.2569, 17.1015, 40.6515

Complementary

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



23.8178, 17.1015, 18.2652



24.1572, 34.0376, 32.4928

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.



11.2156, 17.1015, 30.2318



23.8178, 17.1015, 18.2652



11.1184, 17.1015, 10.8706

Square

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



23.8178, 17.1015, 18.2652



16.1299, 17.1015, 5.3643



10.4902, 17.1015, 18.9806



16.3797, 17.1015, 44.7581

Rectangle

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



23.8178, 17.1015, 18.2652



20.7813, 17.1015, 7.4169



10.4902, 17.1015, 18.9806



12.4380, 17.1015, 37.6244

Sweetspot

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



23.8183, 17.1024, 18.2655



60.0321, 57.2969, 63.4198



22.6517, 15.9871, 41.4271



12.7595, 12.0026, 13.3034



82.5889, 86.8899, 94.6231



15.4596, 16.2647, 17.7123

Same Dimension

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



23.8183, 17.1024, 18.2655



38.9990, 25.2890, 25.3999



23.7634, 19.1253, 11.6727



8.1061, 8.0557, 8.8698



13.1897, 6.7384, 3.3785



0.3921, 0.1975, 0.2268

Inverse Universe

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



23.8183, 17.1024, 18.2655



38.9990, 25.2890, 25.3999



23.9375, 29.8314, 44.0316



8.1061, 8.0557, 8.8698



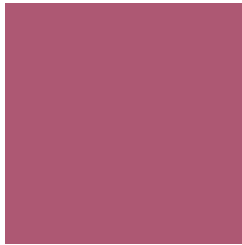
13.1897, 6.7384, 3.3785



0.3921, 0.1975, 0.2268

Previews

White Background



This preview shows how the XYZ color 23.8178, 17.1015, 18.2652 looks on a white background.

Color Contrast Check

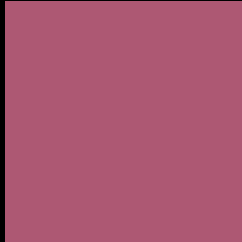
Large Text (above 18pt) WCAG AA ✓ Pass

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 23.8178, 17.1015, 18.2652 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

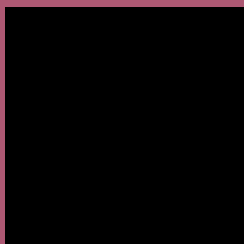
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 23.8178, 17.1015, 18.2652

Background



This preview shows how black text looks on a background with the XYZ color 23.8178, 17.1015, 18.2652.



This preview shows how white text looks on a background with the XYZ color 23.8178, 17.1015,

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

23.8178, 17.1015, 18.2652

Protanopia

17.0375, 17.4109, 23.9354

Deuteranopia

17.5655, 17.3252, 17.4572



Tritanopia

22.9589, 17.1347, 13.6525

Trichromacy



Original Color

23.8178, 17.1015, 18.2652

Protanomaly

18.7449, 16.7347, 21.6442

Deuteranomaly

19.2765, 16.7996, 17.5559

Tritanomaly

23.1681, 17.0825, 15.1729

Monochromacy



Original Color

23.8178, 17.1015, 18.2652

Achromatopsia

16.6002, 17.4647, 19.0191

Achromatomaly

18.6229, 16.8874, 18.8011

CSS Examples

Text

The CSS property to change the color of the text to XYZ 23.8178, 17.1015, 18.2652 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(173, 88, 115)` looks like.

```
.text, #text, p{  
    color:rgb(173, 88, 115)  
}
```

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(173, 88, 115) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(173, 88, 115) }
```

Border

The CSS property to change the border of an element to XYZ 23.8178, 17.1015, 18.2652 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(173, 88, 115) }
```


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

```
.border{ border-color:rgb(173, 88, 115) }
```

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

Here you see how a box with a 4 pixel `rgb(173, 88, 115)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(173, 88, 115); -webkit-box-  
shadow:4px 4px 4px 4px rgb(173, 88, 115);  
box-shadow:4px 4px 4px 4px rgb(173, 88,  
115) }
```

Background

The CSS property to change the background color of an element to XYZ 23.8178, 17.1015, 18.2652 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(173, 88, 115) }
```

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

```
.background{ background-color: rgb(173, 88,  
115) }
```

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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