

Converting Colors

XYZ(17.7034, 10.4362, 10.4131)

Have a look what the booklet for
XYZ(17.7034, 10.4362, 10.4131)
contains.

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Color

**XYZ(17.6783, 10.4190,
10.3118)**

Conversions

Conversions Part 1

Format	Color
Hex	A22F58
RGB	162, 47, 88
RGB Percent	64%, 18%, 35%
CMY	0.3647, 0.8157, 0.6549
CMYK	0.00, 0.71, 0.46, 0.36
HSL	339°, 55%, 41%
HSV	339°, 71%, 64%
XYZ	17.6783, 10.4190, 10.3118
YIQ	86.0590, 55.3790, 37.1310

Conversions

Conversions Part 2

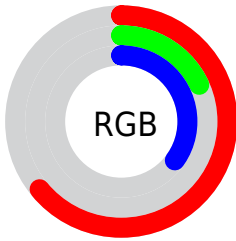
Format	Color
R_{YB}	162, 47, 88
Decimal	10628952
CIE Lab	38.58, 50.13, 2.95
CIE LCh	39, 50.221, 3.364
Yxy	10.4190, 0.4603, 0.2713
Android (android.graphics.Color)	4288819032 (0xFFA22F58)
YUV	86.0590, 0.9569, 66.6003
Hunter-Lab	32.2785, 41.2737, 3.6539

Details

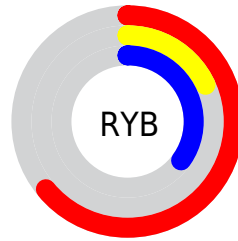
The XYZ color **17.6783, 10.4190, 10.3118** is a dark color, and the websafe version is hex **993366**. A complement of this color would be **17.5446, 27.8259, 22.5377**, and the grayscale version is **8.8483, 9.3091, 10.1376**.

A 20% lighter version of the original color is **39.1576, 26.7099, 27.1364**, and **6.2617, 3.1777, 2.5688** is the 20% darker color. If you saturate the color by 10%, you get **16.7452, 9.1953, 8.0204**, and if you desaturate by 10%, it is **18.9141, 12.1493, 13.0090**.

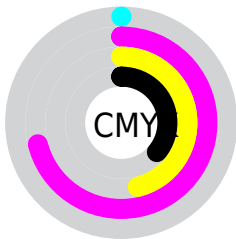
Distribution



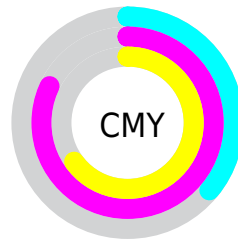
- Red (64%)
- Green (18%)
- Blue (35%)



- Red (64%)
- Yellow (18%)
- Blue (35%)



- Cyan (0%)
- Magenta (71%)
- Yellow (46%)
- Black (36%)



- Cyan (36%)
- Magenta (82%)
- Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 17.6783, 10.4190, 10.3118 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 17.6783, 10.4190, 10.3118 by changing the saturation by 10% instead.

■ 17.6783, 10.4190,
10.3118

■ 17.6783, 10.4190,
10.3118

232.1323,
193.6369, 203.4482

■ 10.8176, 5.6776,
5.4979

■ 39.0228, 26.5807,
26.9973

■ 6.0107, 2.6501,
2.4784

■ 54.2372, 38.7698,
39.7059

■ 2.8923, 0.9519,
0.8287

■ 72.9670, 54.2102,
55.8832

■ 1.0971, 0.0000,
0.0000

■ 95.5773, 73.2865,
75.9476

■ 0.0227, 0.0000,
0.0000

■ 122.4337, 96.3829,
100.3178

■ 0.0000, 0.0000,
0.0000

■ 153.9014,

123.8838, 129.4123

190.3458,
156.1737, 163.6496

■ 17.6783, 10.4190,
10.3118

■ 17.6783, 10.4190,
10.3118

■ 16.7452, 9.1953,
8.0204

■ 18.9141, 12.1493,
13.0090

■ 16.0833, 8.4191,
6.1112

■ 20.4780, 14.4332,
16.1323

■ 15.6577, 7.9844,
4.6856

■ 22.3938, 17.3142,
19.7012

■ 24.6824, 20.8309,
23.7336

■ 27.3633, 25.0187,
28.2462

■ 30.4544, 29.9105,
33.2551

■ 33.9727, 35.5367,
38.7754

■ 37.9339, 41.9263,
44.8215

■ 42.3531, 49.1063,
51.4074

Harmonies

Analogous

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



16.7218, 10.4190, 21.5900



17.6783, 10.4190, 10.3118



16.1996, 10.4190, 4.0009

Triad

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



17.6783, 10.4190, 10.3118



6.8088, 10.4190, 1.9322



7.3233, 10.4190, 36.5537

Complementary

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



17.6783, 10.4190, 10.3118



17.5446, 27.8259, 22.5377

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.



5.4947, 10.4190, 24.5507



17.6783, 10.4190, 10.3118



5.2472, 10.4190, 4.9949

Square

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



17.6783, 10.4190, 10.3118



9.5355, 10.4190, 1.1575



4.8255, 10.4190, 12.4440



10.2798, 10.4190, 40.8482

Rectangle

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



17.6783, 10.4190, 10.3118



14.1896, 10.4190, 2.1207



4.8255, 10.4190, 12.4440



6.5803, 10.4190, 33.0496

Sweetspot

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



17.6786, 10.4196, 10.3120



49.4588, 45.0780, 50.9201



15.2614, 8.6236, 35.0426



10.8079, 9.6530, 10.9374



78.6606, 82.7571, 90.1225



14.0027, 14.7319, 16.0430

Same Dimension

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



17.6786, 10.4196, 10.3120



29.6661, 15.8069, 12.5248



17.1547, 11.3690, 3.9804



7.1732, 7.1257, 7.8986



12.3545, 6.2979, 3.7914



0.2815, 0.1411, 0.1951

Inverse Universe

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



17.6786, 10.4196, 10.3120



29.6661, 15.8069, 12.5248



18.0763, 23.9774, 37.8579



7.1732, 7.1257, 7.8986



12.3545, 6.2979, 3.7914



0.2815, 0.1411, 0.1951

Previews

White Background



This preview shows how the XYZ color 17.6783, 10.4190, 10.3118 looks on a white background.

Color Contrast Check

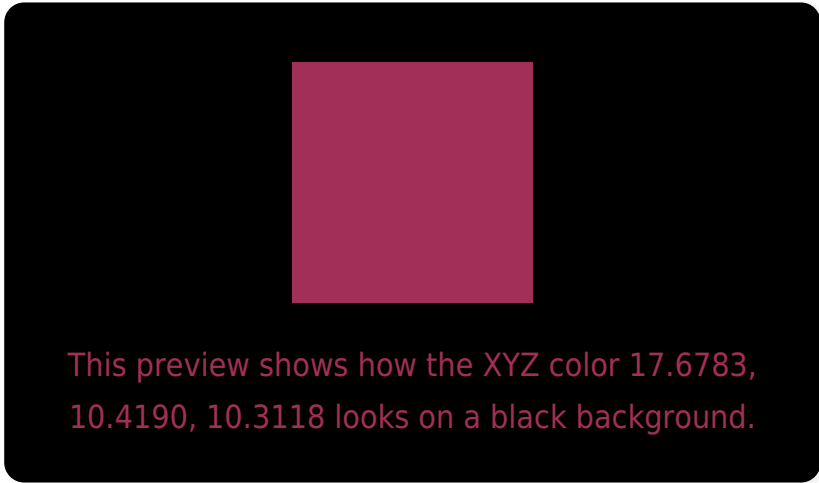
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



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 17.6783, 10.4190, 10.3118

Background



This preview shows how black text looks on a background with the XYZ color 17.6783, 10.4190, 10.3118.



This preview shows how white text looks on a background with the XYZ color 17.6783, 10.4190,

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

17.6783, 10.4190, 10.3118

Protanopia

10.7088, 10.7233, 17.4250

Deuteranopia

10.8043, 10.6970, 9.4779



Tritanopia

16.5549, 10.4073, 5.0072

Trichromacy



Original Color

17.6783, 10.4190, 10.3118

Protanomaly

12.0053, 9.6295, 14.5905

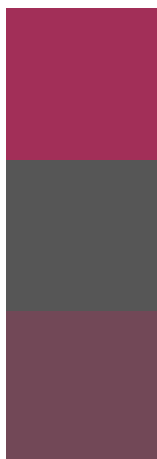
Deuteranomaly

12.5065, 9.8976, 9.6388

Tritanomaly

16.9252, 10.3621, 6.5769

Monochromacy



Original Color

17.6783, 10.4190, 10.3118

Achromatopsia

8.8453, 9.3059, 10.1341

Achromatomaly

10.9771, 8.9003, 10.1562

CSS Examples

Text

The CSS property to change the color of the text to XYZ 17.6783, 10.4190, 10.3118 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(162, 47, 88)` looks like.

```
.text, #text, p{  
    color:rgb(162, 47, 88)  
}
```

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(162, 47, 88) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(162, 47, 88) }
```

Border

The CSS property to change the border of an element to XYZ 17.6783, 10.4190, 10.3118 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(162, 47, 88) }
```


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

```
.border{ border-color:rgb(162, 47, 88) }
```

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

Here you see how a box with a 4 pixel rgb(162, 47, 88) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(162, 47, 88); -webkit-box-  
shadow:4px 4px 4px 4px rgb(162, 47, 88);  
box-shadow:4px 4px 4px 4px rgb(162, 47,  
88) }
```

Background

The CSS property to change the background color of an element to XYZ 17.6783, 10.4190, 10.3118 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(162, 47, 88) }
```

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

```
.background{ background-color: rgb(162, 47,  
88) }
```

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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