

Converting Colors

XYZ(17.3460, 10.3872, 17.5228)

Have a look what the booklet for
XYZ(17.3460, 10.3872, 17.5228)
contains.

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Color

**XYZ(17.3293, 10.3923,
17.6156)**

Conversions

Conversions Part 1

Format	Color
Hex	983474
RGB	152, 52, 116
RGB Percent	60%, 20%, 45%
CMY	0.4039, 0.7961, 0.5451
CMYK	0.00, 0.66, 0.24, 0.40
HSL	322°, 49%, 40%
HSV	322°, 66%, 60%
XYZ	17.3293, 10.3923, 17.6156
YIQ	89.1960, 39.0560, 41.1040

Conversions

Conversions Part 2

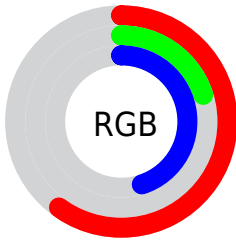
Format	Color
R_{YB}	152, 52, 116
Decimal	9974900
CIE _{Lab}	38.54, 48.44, -14.95
CIE _{LCh}	39, 50.699, 342.851
Yxy	10.3923, 0.3822, 0.2292
Android (android.graphics.Color)	4288164980 (0xFF983474)
YUV	89.1960, 13.2144, 55.0791
Hunter-Lab	32.2371, 39.5392, -9.8324

Details

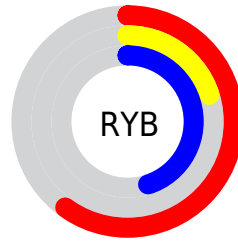
The XYZ color **17.3293, 10.3923, 17.6156** is a dark color, and the websafe version is hex **993366**. A complement of this color would be **14.4064, 23.8915, 13.0858**, and the grayscale version is **9.5049, 9.9999, 10.8899**.

A 20% lighter version of the original color is **38.4140, 26.4856, 40.1334**, and **5.9732, 2.9587, 5.7251** is the 20% darker color. If you saturate the color by 10%, you get **16.4478, 9.1238, 15.7973**, and if you desaturate by 10%, it is **18.4486, 12.1063, 19.6059**.

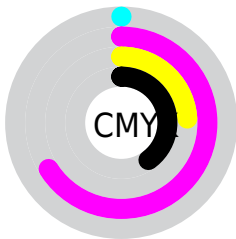
Distribution



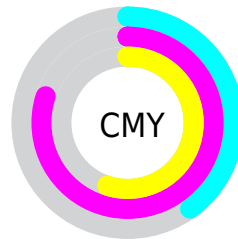
- Red (60%)
- Green (20%)
- Blue (45%)



- Red (60%)
- Yellow (20%)
- Blue (45%)



- Cyan (0%)
- Magenta (66%)
- Yellow (24%)
- Black (40%)





- Cyan (40%)
- Magenta (80%)
- Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 17.3293, 10.3923, 17.6156 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 17.3293, 10.3923, 17.6156 by changing the saturation by 10% instead.


 17.3293, 10.3923,
17.6156


 17.3293, 10.3923,
17.6156


230.1824,
193.4495, 250.8583


 10.5663, 5.6598,
10.5078


 38.4302, 26.5308,
40.1863


 5.8412, 2.6394,
5.6269

 53.4988, 38.7056,
56.4862


 2.7885, 0.9465,
2.5545

 72.0667, 54.1300,
76.6873

 1.0429, 0.0000,
0.8688

 94.4992, 73.1884,
101.2080

 0.0000, 0.0000,
0.0000

 121.1617, 96.2652,
130.4669

 152.4194,

123.7447, 164.8826

188.6379,
156.0113, 204.8735

■ 17.3293, 10.3923,
17.6156

■ 17.3293, 10.3923,
17.6156

■ 16.4478, 9.1238,
15.7973

■ 18.4486, 12.1063,
19.6059

■ 15.7811, 8.2553,
14.1414

■ 19.8241, 14.3022,
21.7756

■ 15.2987, 7.7265,
12.6363

■ 21.4733, 17.0145,
24.1322

■ 15.1197, 7.5437,
12.0365

■ 23.4118, 20.2740,
26.6822

■ 25.6542, 24.1093,
29.4320

■ 28.2139, 28.5466,
32.3874

■ 31.1034, 33.6109,
35.5540

■ 34.3347, 39.3255,
38.9372

■ 37.9191, 45.7127,
42.5420

Harmonies

Analogous

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



14.8927, 10.3923, 30.7367



17.3293, 10.3923, 17.6156



17.5104, 10.3923, 7.7132

Triad

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



17.3293, 10.3923, 17.6156



8.5232, 10.3923, 1.2076



5.8940, 10.3923, 28.8858

Complementary

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



17.3293, 10.3923, 17.6156



14.4064, 23.8915, 13.0858

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.



4.8651, 10.3923, 15.8942



17.3293, 10.3923, 17.6156



6.1375, 10.3923, 2.5022

Square

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



17.3293, 10.3923, 17.6156



11.8843, 10.3923, 1.2893



4.9428, 10.3923, 6.7312



8.1105, 10.3923, 39.3629

Rectangle

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



17.3293, 10.3923, 17.6156



16.2779, 10.3923, 4.0076



4.9428, 10.3923, 6.7312



5.4227, 10.3923, 24.4312

Sweetspot

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



17.3296, 10.3928, 17.6158



43.3921, 39.3100, 49.6716



10.8265, 6.7498, 30.4382



9.6328, 8.5424, 11.0064



72.9764, 76.7769, 83.6100



11.9732, 12.5967, 13.7178

Same Dimension

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



17.3296, 10.3928, 17.6158



28.4281, 15.2932, 26.4604



15.1905, 9.5372, 6.3511



6.3668, 6.2859, 7.3115



12.6926, 6.3313, 10.1720



0.2070, 0.1016, 0.2430

Inverse Universe

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



17.3296, 10.3928, 17.6158



28.4281, 15.2932, 26.4604



17.1602, 24.9930, 27.5871



6.3668, 6.2859, 7.3115



12.6926, 6.3313, 10.1720



0.2070, 0.1016, 0.2430

Previews

White Background



This preview shows how the XYZ color 17.3293, 10.3923, 17.6156 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 17.3293, 10.3923, 17.6156 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

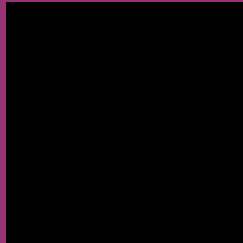
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 17.3293, 10.3923, 17.6156

Background



This preview shows how black text looks on a background with the XYZ color 17.3293, 10.3923, 17.6156.



This preview shows how white text looks on a background with the XYZ color 17.3293, 10.3923,

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

17.3293, 10.3923, 17.6156

Protanopia

11.3655, 10.6963, 28.2536

Deuteranopia

10.7850, 10.6623, 16.2414



Tritanopia

15.1203, 10.3924, 6.8392

Trichromacy



Original Color

17.3293, 10.3923, 17.6156

Protanomaly

12.1430, 9.5994, 23.7671

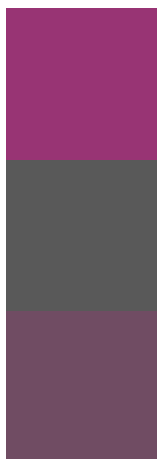
Deuteranomaly

12.3191, 9.8494, 16.5811

Tritanomaly

15.6900, 10.2932, 9.9639

Monochromacy



Original Color

17.3293, 10.3923, 17.6156

Achromatopsia

9.4954, 9.9899, 10.8790

Achromatomaly

11.5187, 9.5145, 13.0338

CSS Examples

Text

The CSS property to change the color of the text to XYZ 17.3293, 10.3923, 17.6156 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(152, 52, 116)` looks like.

```
.text, #text, p{  
    color:rgb(152, 52, 116)  
}
```

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(152, 52, 116) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(152, 52, 116) }
```

Border

The CSS property to change the border of an element to XYZ 17.3293, 10.3923, 17.6156 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(152, 52, 116) }
```


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

```
.border{ border-color:rgb(152, 52, 116) }
```

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

Here you see how a box with a 4 pixel rgb(152, 52, 116) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(152, 52, 116); -webkit-box-  
shadow:4px 4px 4px 4px rgb(152, 52, 116);  
box-shadow:4px 4px 4px 4px rgb(152, 52,  
116) }
```

Background

The CSS property to change the background color of an element to XYZ 17.3293, 10.3923, 17.6156 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(152, 52, 116) }
```

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

```
.background{ background-color: rgb(152, 52,  
116) }
```

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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