

Converting Colors

XYZ(23.5615, 17.2513, 28.2629)

Have a look what the booklet for
XYZ(23.5615, 17.2513, 28.2629)
contains.

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Color

**XYZ(23.4830, 17.2145,
28.0716)**

Conversions

Conversions Part 1

Format	Color
Hex	A15C8F
RGB	161, 92, 143
RGB Percent	63%, 36%, 56%
CMY	0.3686, 0.6392, 0.4392
CMYK	0.00, 0.43, 0.11, 0.37
HSL	316°, 27%, 50%
HSV	316°, 43%, 63%
XYZ	23.4830, 17.2145, 28.0716
YIQ	118.4450, 24.7530, 30.4890

Conversions

Conversions Part 2

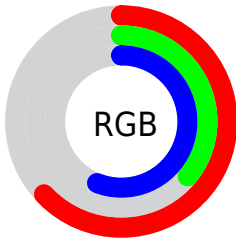
Format	Color
R_{YB}	161, 92, 143
Decimal	10574991
CIE _{Lab}	48.53, 35.60, -16.03
CIE _{LCh}	49, 39.045, 335.754
Yxy	17.2145, 0.3415, 0.2503
Android (android.graphics.Color)	4288765071 (0xFFA15C8F)
YUV	118.4450, 12.1056, 37.3207
Hunter-Lab	41.4904, 28.4205, -11.0713

Details

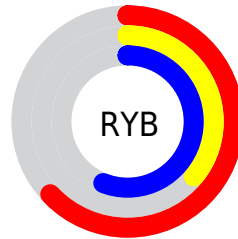
The XYZ color **23.4830, 17.2145, 28.0716** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **19.9737, 28.8914, 19.2769**, and the grayscale version is **17.3177, 18.2195, 19.8411**.

A 20% lighter version of the original color is **48.6666, 38.7294, 57.7338**, and **9.0240, 5.7062, 10.9817** is the 20% darker color. If you saturate the color by 10%, you get **21.9215, 14.5910, 26.0106**, and if you desaturate by 10%, it is **25.3539, 20.4371, 30.2949**.

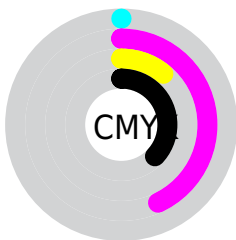
Distribution



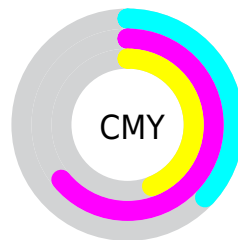
- Red (63%)
- Green (36%)
- Blue (56%)



- Red (63%)
- Yellow (36%)
- Blue (56%)



- Cyan (0%)
- Magenta (43%)
- Yellow (11%)
- Black (37%)





- Cyan (37%)
- Magenta (64%)
- Yellow (44%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 23.4830, 17.2145, 28.0716 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 23.4830, 17.2145, 28.0716 by changing the saturation by 10% instead.


 23.4830, 17.2145,
28.0716


 23.4830, 17.2145,
28.0716


262.6854,
236.4055, 306.7316


 15.0732, 10.3875,
18.1401


 48.6460, 38.6942,
57.6232

 8.9574, 5.6567,
10.8802


 66.1300, 54.1157,
78.0804

 4.7703, 2.6375,
5.8731

 87.3694, 73.1709,
102.8833

 2.1465, 0.9455,
2.7006

 112.7296, 96.2442,
132.4504

 0.7143, 0.0000,
0.9437

142.5760,
123.7199, 167.2002

 0.0000, 0.0000,
0.0000

177.2738,

155.9824, 207.5513

217.1885,
193.4161, 253.9223

■ 23.4830, 17.2145,
28.0716

■ 23.4830, 17.2145,
28.0716

■ 21.9215, 14.5910,
26.0106

■ 25.3539, 20.4371,
30.2949

■ 20.6487, 12.5264,
24.1038

■ 27.5499, 24.2911,
32.6858

■ 19.6439, 10.9790,
22.3438

■ 30.0877, 28.8091,
35.2507


■ 18.8828, 9.9005,
20.7219


■ 32.9823, 34.0211,
37.9951


■ 18.3364, 9.2333,
19.2278

■ 36.2478, 39.9549,
40.9244

 18.0277, 8.9090,
18.2216

 39.8974, 46.6370,
44.0436

 43.9439, 54.0925,
47.3575

 48.3992, 62.3454,
50.8706

 53.2749, 71.4184,
54.5874

Harmonies

Analogous

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



20.7273, 17.2145, 39.7525



23.4830, 17.2145, 28.0716



24.2198, 17.2145, 16.8341

Triad

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



23.4830, 17.2145, 28.0716



15.6808, 17.2145, 5.1671



11.3828, 17.2145, 32.8002

Complementary

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



23.4830, 17.2145, 28.0716



19.9737, 28.8914, 19.2769

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.



10.4190, 17.2145, 20.7925



23.4830, 17.2145, 28.0716



12.6569, 17.2145, 6.8570

Square

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



23.4830, 17.2145, 28.0716



19.3578, 17.2145, 5.8940



10.8490, 17.2145, 11.7516



13.6922, 17.2145, 43.1084

Rectangle

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



23.4830, 17.2145, 28.0716



23.3857, 17.2145, 11.4103



10.8490, 17.2145, 11.7516



10.9074, 17.2145, 28.6920

Sweetspot

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



23.4835, 17.2153, 28.0720



53.6954, 51.2565, 62.9457



16.5984, 13.4955, 35.4486



11.5574, 10.8500, 13.5890



76.7382, 80.7346, 87.9200



13.3056, 13.9985, 15.2444

Same Dimension

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



23.4835, 17.2153, 28.0720



39.4886, 26.5108, 46.9021



21.2995, 16.3417, 16.5712



7.2850, 7.1705, 8.4875



14.4154, 7.1222, 14.6439



0.3206, 0.1567, 0.4007

Inverse Universe

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



23.4835, 17.2153, 28.0720



39.4886, 26.5108, 46.9021



22.1741, 29.7715, 30.8639



7.2850, 7.1705, 8.4875



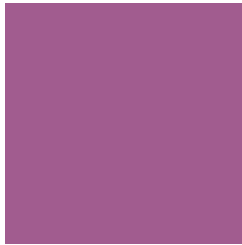
14.4154, 7.1222, 14.6439



0.3206, 0.1567, 0.4007

Previews

White Background



This preview shows how the XYZ color 23.4830, 17.2145, 28.0716 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 23.4830, 17.2145, 28.0716 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

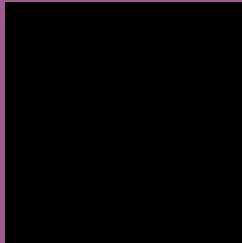
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 23.4830, 17.2145, 28.0716

Background



This preview shows how black text looks on a background with the XYZ color 23.4830, 17.2145, 28.0716.



This preview shows how white text looks on a background with the XYZ color 23.4830, 17.2145,

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

23.4830, 17.2145, 28.0716

Protanopia

17.7548, 17.3626, 35.2164

Deuteranopia

17.6356, 17.3192, 26.8395



Tritanopia

21.0203, 17.1533, 16.1129

Trichromacy



Original Color

23.4830, 17.2145, 28.0716

Protanomaly

19.0722, 16.8189, 32.3782

Deuteranomaly

19.3009, 16.9021, 27.0561

Tritanomaly

21.6736, 16.9909, 19.9065

Monochromacy



Original Color

23.4830, 17.2145, 28.0716

Achromatopsia

17.2197, 18.1164, 19.7288

Achromatomaly

19.1309, 17.5379, 22.4555

CSS Examples

Text

The CSS property to change the color of the text to XYZ 23.4830, 17.2145, 28.0716 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(161, 92, 143)` looks like.

```
.text, #text, p{  
    color:rgb(161, 92, 143)  
}
```

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(161, 92, 143) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(161, 92, 143) }
```

Border

The CSS property to change the border of an element to XYZ 23.4830, 17.2145, 28.0716 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(161, 92, 143) }
```


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

```
.border{ border-color:rgb(161, 92, 143) }
```

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

Here you see how a box with a 4 pixel `rgb(161, 92, 143)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(161, 92, 143); -webkit-box-  
shadow:4px 4px 4px 4px rgb(161, 92, 143);  
box-shadow:4px 4px 4px 4px rgb(161, 92,  
143) }
```

Background

The CSS property to change the background color of an element to XYZ 23.4830, 17.2145, 28.0716 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(161, 92, 143) }
```

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

```
.background{ background-color: rgb(161, 92,  
143) }
```

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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