

Converting Colors

XYZ(23.5103, 17.6506, 28.0750)

Have a look what the booklet for
XYZ(23.5103, 17.6506, 28.0750)
contains.

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Color

**XYZ(23.5473, 17.6412,
28.1506)**

Conversions

Conversions Part 1

Format	Color
Hex	A05F8F
RGB	160, 95, 143
RGB Percent	63%, 37%, 56%
CMY	0.3725, 0.6274, 0.4392
CMYK	0.00, 0.41, 0.11, 0.37
HSL	316°, 25%, 50%
HSV	316°, 41%, 63%
XYZ	23.5473, 17.6412, 28.1506
YIQ	119.9070, 23.3320, 28.7080

Conversions

Conversions Part 2

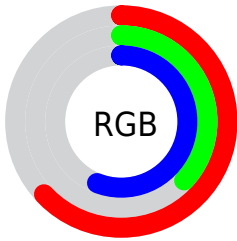
Format	Color
R_{YB}	160, 95, 143
Decimal	10510223
CIE _{Lab}	49.06, 33.61, -15.24
CIE _{LCh}	49, 36.902, 335.605
Yxy	17.6412, 0.3396, 0.2544
Android (android.graphics.Color)	4288700303 (0xFFA05F8F)
YUV	119.9070, 11.3848, 35.1616
Hunter-Lab	42.0014, 26.5701, -10.3369

Details

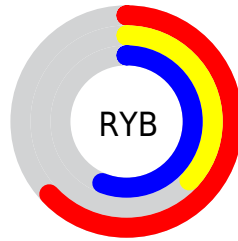
The XYZ color **23.5473, 17.6412, 28.1506** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **20.2155, 28.7448, 19.8133**, and the grayscale version is **17.7830, 18.7091, 20.3742**.

A 20% lighter version of the original color is **48.8307, 39.4976, 57.8735**, and **9.0162, 5.8701, 11.0138** is the 20% darker color. If you saturate the color by 10%, you get **21.9403, 14.9249, 26.0800**, and if you desaturate by 10%, it is **25.4632, 20.9559, 30.3829**.

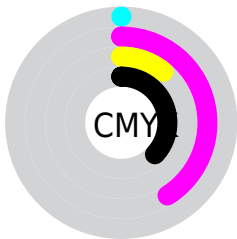
Distribution



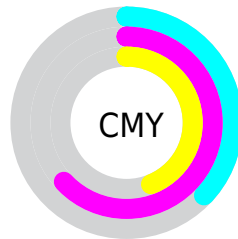
- Red (63%)
- Green (37%)
- Blue (56%)



- Red (63%)
- Yellow (37%)
- Blue (56%)



- Cyan (0%)
- Magenta (41%)
- Yellow (11%)
- Black (37%)





- Cyan (37%)
- Magenta (63%)
- Yellow (44%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 23.5473, 17.6412, 28.1506 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 23.5473, 17.6412, 28.1506 by changing the saturation by 10% instead.


 23.5473, 17.6412,
28.1506

 23.5473, 17.6412,
28.1506


263.0069,
238.8408, 307.1204

 15.1211, 10.6927,
18.1992


 48.7505, 39.4250,
57.7508


 8.9913, 5.8606,
10.9222


 66.2582, 55.0291,
78.2366

 4.7925, 2.7605,
5.9010

 87.5238, 74.2871,
103.0710

 2.1596, 1.0080,
2.7172

 112.9125, 97.5835,
132.6726

 0.7213, 0.0000,
0.9521

142.7899,
125.3027, 167.4597

 0.0000, 0.0000,
0.0000

177.5211,

157.8291, 207.8510

217.4717,
195.5470, 254.2651

■ 23.5473, 17.6412,
28.1506

■ 23.5473, 17.6412,
28.1506

■ 21.9403, 14.9249,
26.0800

■ 25.4632, 20.9559,
30.3829

■ 20.6222, 12.7680,
24.1632

■ 27.7033, 24.8999,
32.7821

■ 19.5732, 11.1307,
22.3932

■ 30.2835, 29.5051,
35.3543

■ 18.7702, 9.9669,
20.7617

■ 33.2186, 34.8004,
38.1049

■ 18.1857, 9.2224,
19.2588

■ 36.5222, 40.8129,
41.0391

■ 17.7763, 8.7852,
17.9457

■ 40.2072, 47.5685,
44.1618

■ 44.2859, 55.0914,
47.4777

■ 48.7702, 63.4051,
50.9913

■ 53.6712, 72.5318,
54.7068

Harmonies

Analogous

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



20.9240, 17.6412, 39.1125



23.5473, 17.6412, 28.1506



24.2558, 17.6412, 17.4156

Triad

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



23.5473, 17.6412, 28.1506



16.1292, 17.6412, 5.8443



11.9407, 17.6412, 32.4942

Complementary

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



23.5473, 17.6412, 28.1506



20.2155, 28.7448, 19.8133

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.



11.0047, 17.6412, 21.1199



23.5473, 17.6412, 28.1506



13.2013, 17.6412, 7.5499

Square

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



23.5473, 17.6412, 28.1506



19.6528, 17.6412, 6.5993



11.4325, 17.6412, 12.3939



14.1793, 17.6412, 42.1630

Rectangle

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



23.5473, 17.6412, 28.1506



23.4733, 17.6412, 12.1251



11.4325, 17.6412, 12.3939



11.4783, 17.6412, 28.6211

Sweetspot

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



23.5478, 17.6420, 28.1510



54.1894, 52.1440, 63.4199



17.0253, 14.1192, 35.0858



11.7572, 11.2079, 13.7842



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.



23.5478, 17.6420, 28.1510



40.0179, 27.4005, 47.5993



21.4731, 16.8121, 17.2255



6.8300, 6.7249, 7.9560



13.8661, 6.8510, 14.0779



0.2641, 0.1290, 0.3367

Inverse Universe

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



23.5478, 17.6420, 28.1510



40.0179, 27.4005, 47.5993



22.3057, 29.5809, 30.8201



6.8300, 6.7249, 7.9560



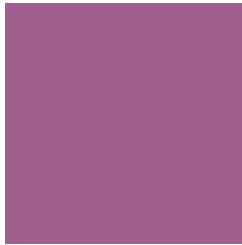
13.8661, 6.8510, 14.0779



0.2641, 0.1290, 0.3367

Previews

White Background



This preview shows how the XYZ color 23.5473, 17.6412, 28.1506 looks on a white background.

Color Contrast Check

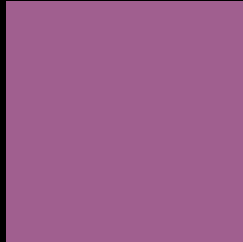
Large Text (above 18pt) WCAG AA ✓ Pass

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 23.5473, 17.6412, 28.1506 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 23.5473, 17.6412, 28.1506

Background



This preview shows how black text looks on a background with the XYZ color 23.5473, 17.6412, 28.1506.



This preview shows how white text looks on a background with the XYZ color 23.5473, 17.6412,

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

23.5473, 17.6412, 28.1506

Protanopia

18.2426, 17.9627, 34.8534

Deuteranopia

18.0871, 17.7100, 27.2760



Tritanopia

21.2220, 17.6748, 16.7611

Trichromacy



Original Color

23.5473, 17.6412, 28.1506

Protanomaly

19.5698, 17.3850, 32.4612

Deuteranomaly

19.7383, 17.4250, 27.5223

Tritanomaly

21.8177, 17.4723, 20.3117

Monochromacy



Original Color

23.5473, 17.6412, 28.1506

Achromatopsia

17.8524, 18.7821, 20.4537

Achromatomaly

19.5724, 18.0783, 22.8800

CSS Examples

Text

The CSS property to change the color of the text to XYZ 23.5473, 17.6412, 28.1506 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(160, 95, 143)` looks like.

```
.text, #text, p{  
    color:rgb(160, 95, 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(160, 95, 143) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(160, 95, 143) }
```

Border

The CSS property to change the border of an element to XYZ 23.5473, 17.6412, 28.1506 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(160, 95, 143) }
```


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

```
.border{ border-color:rgb(160, 95, 143) }
```

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

Here you see how a box with a 4 pixel `rgb(160, 95, 143)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(160, 95, 143); -webkit-box-shadow:4px 4px 4px 4px rgb(160, 95, 143); box-shadow:4px 4px 4px 4px rgb(160, 95, 143) }
```

Background

The CSS property to change the background color of an element to XYZ 23.5473, 17.6412, 28.1506 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(160, 95, 143) }
```

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

```
.background{ background-color: rgb(160, 95,  
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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